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1/57

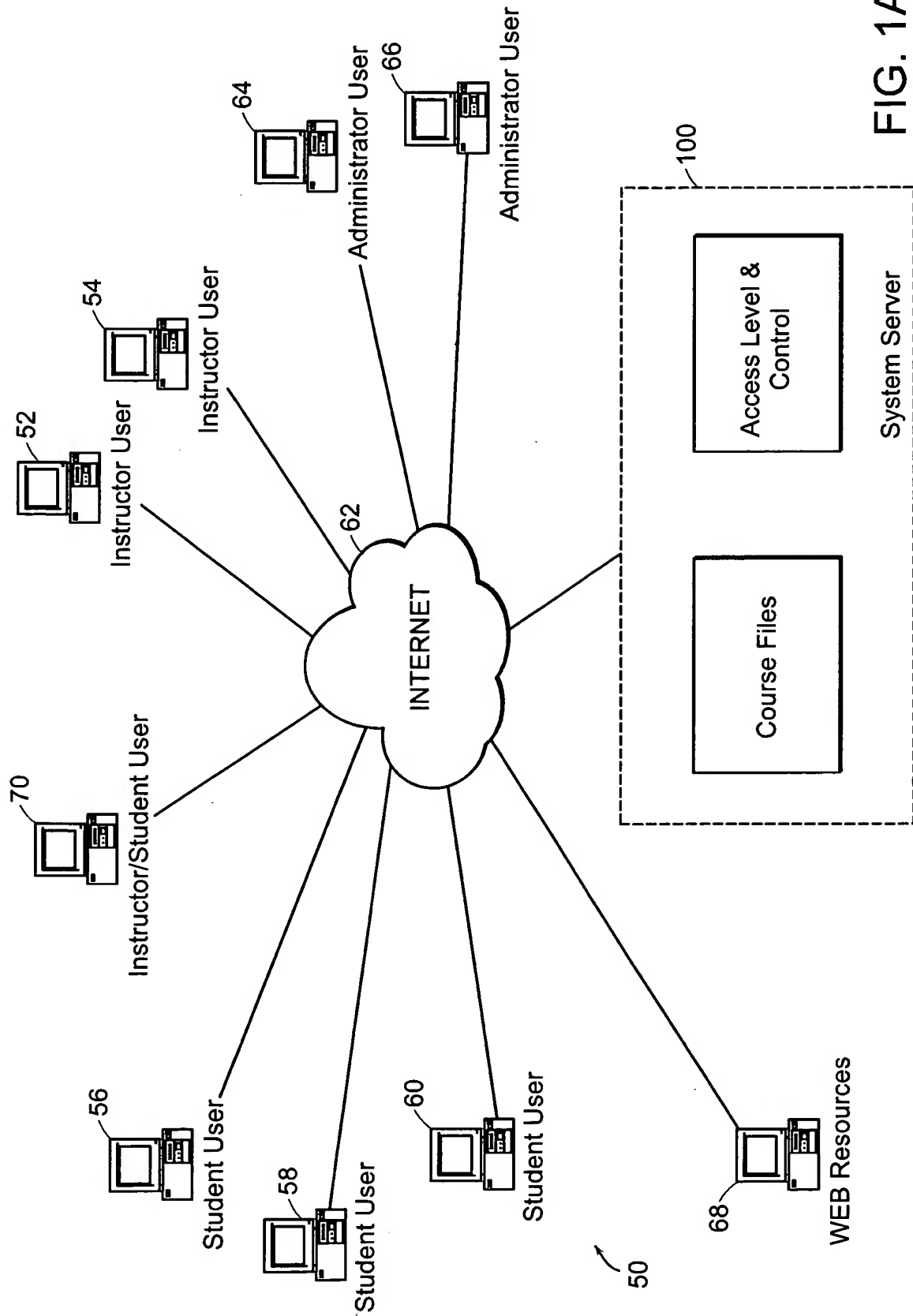


FIG. 1A

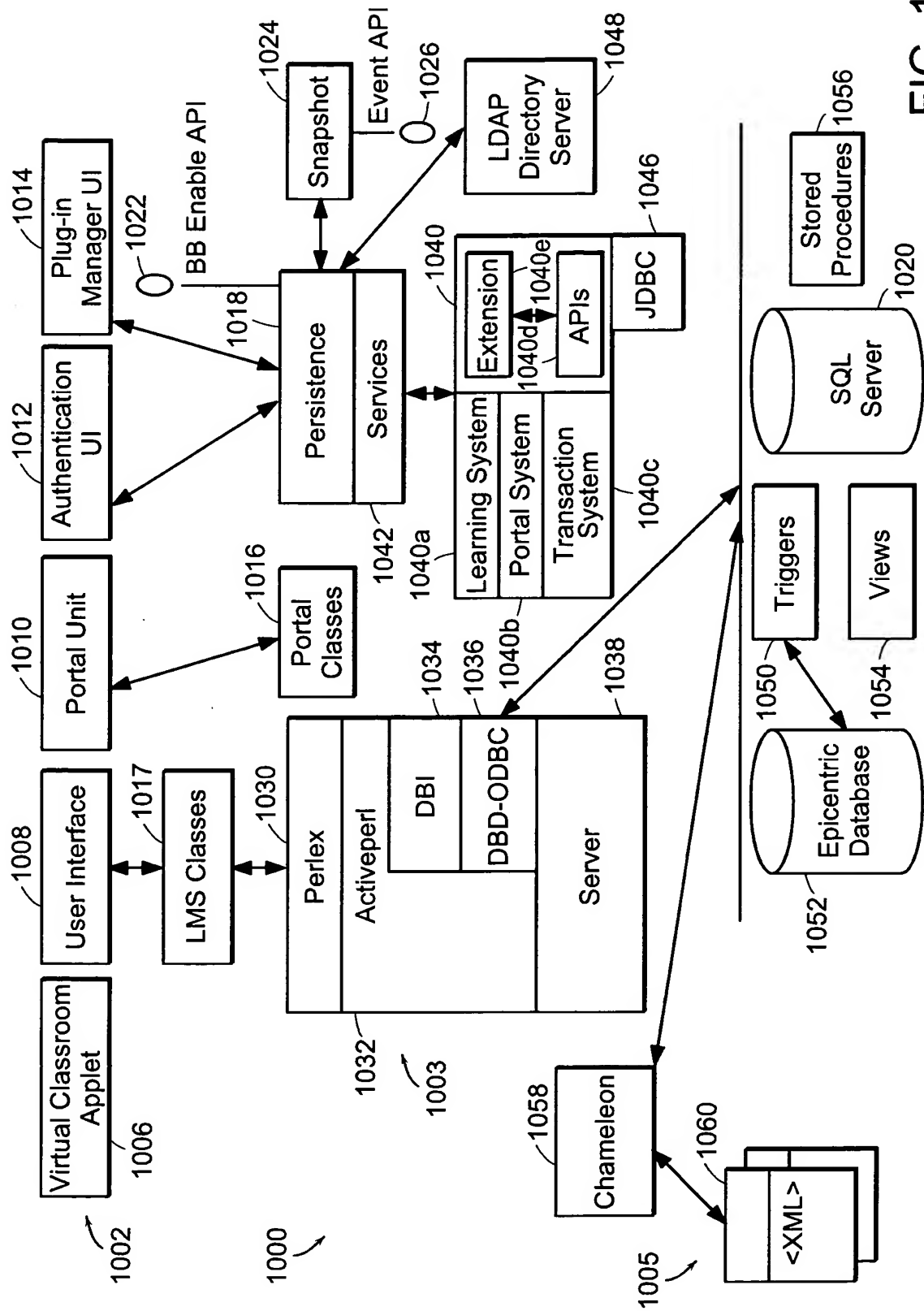


FIG. 1B

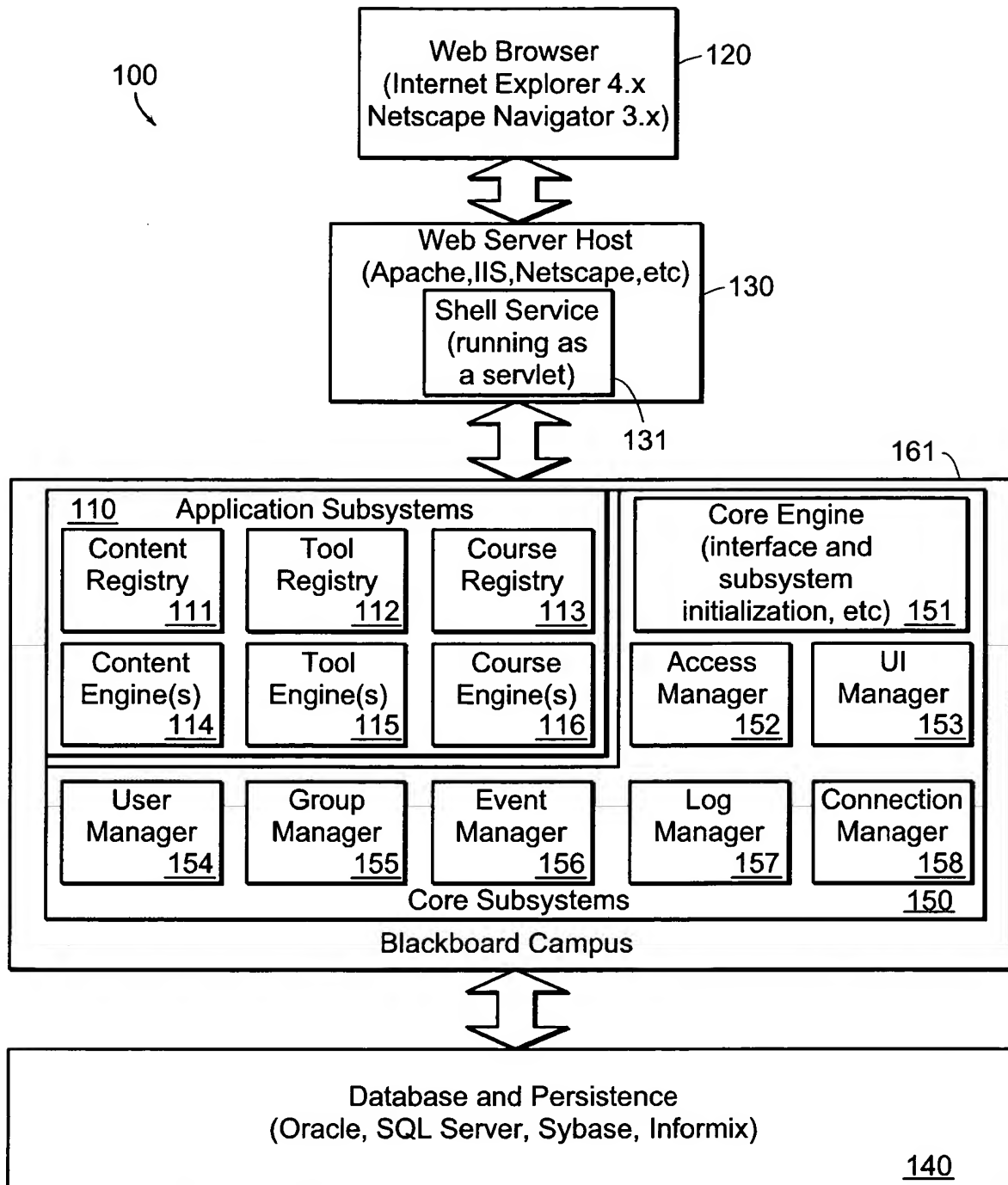
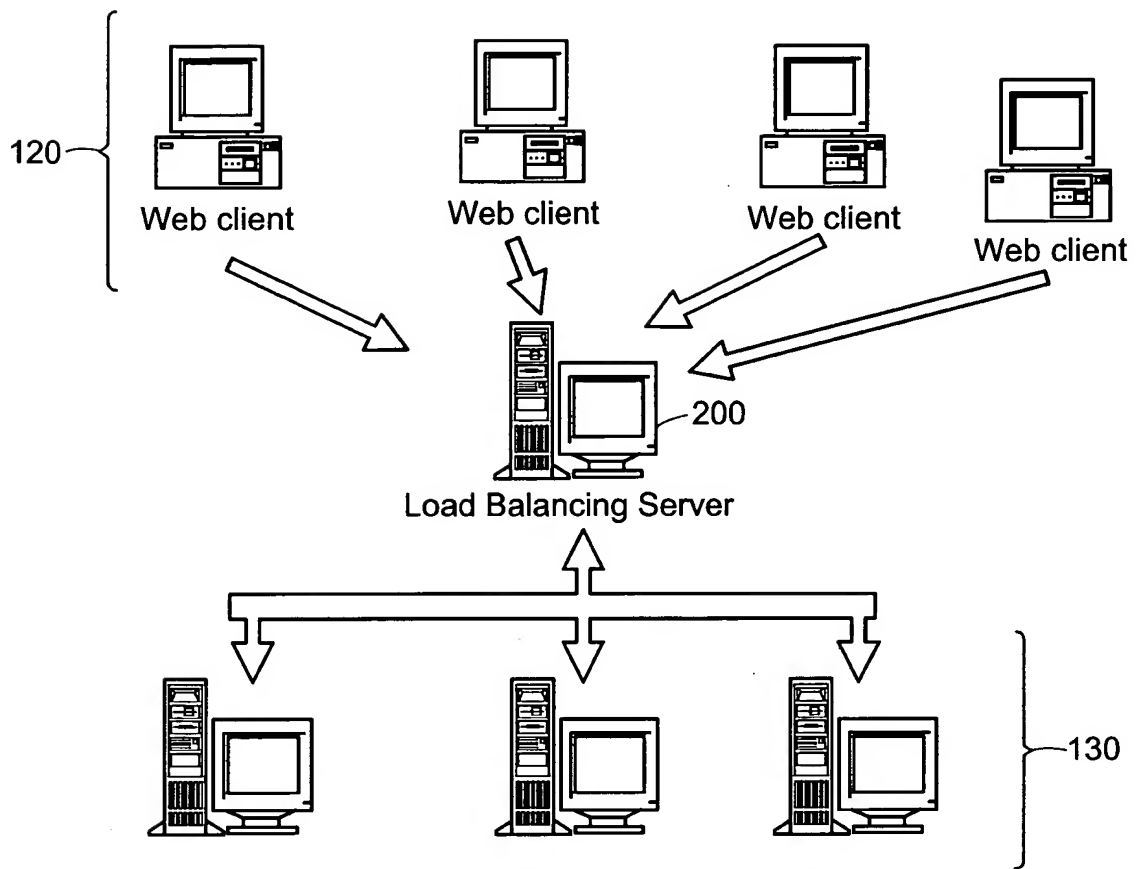
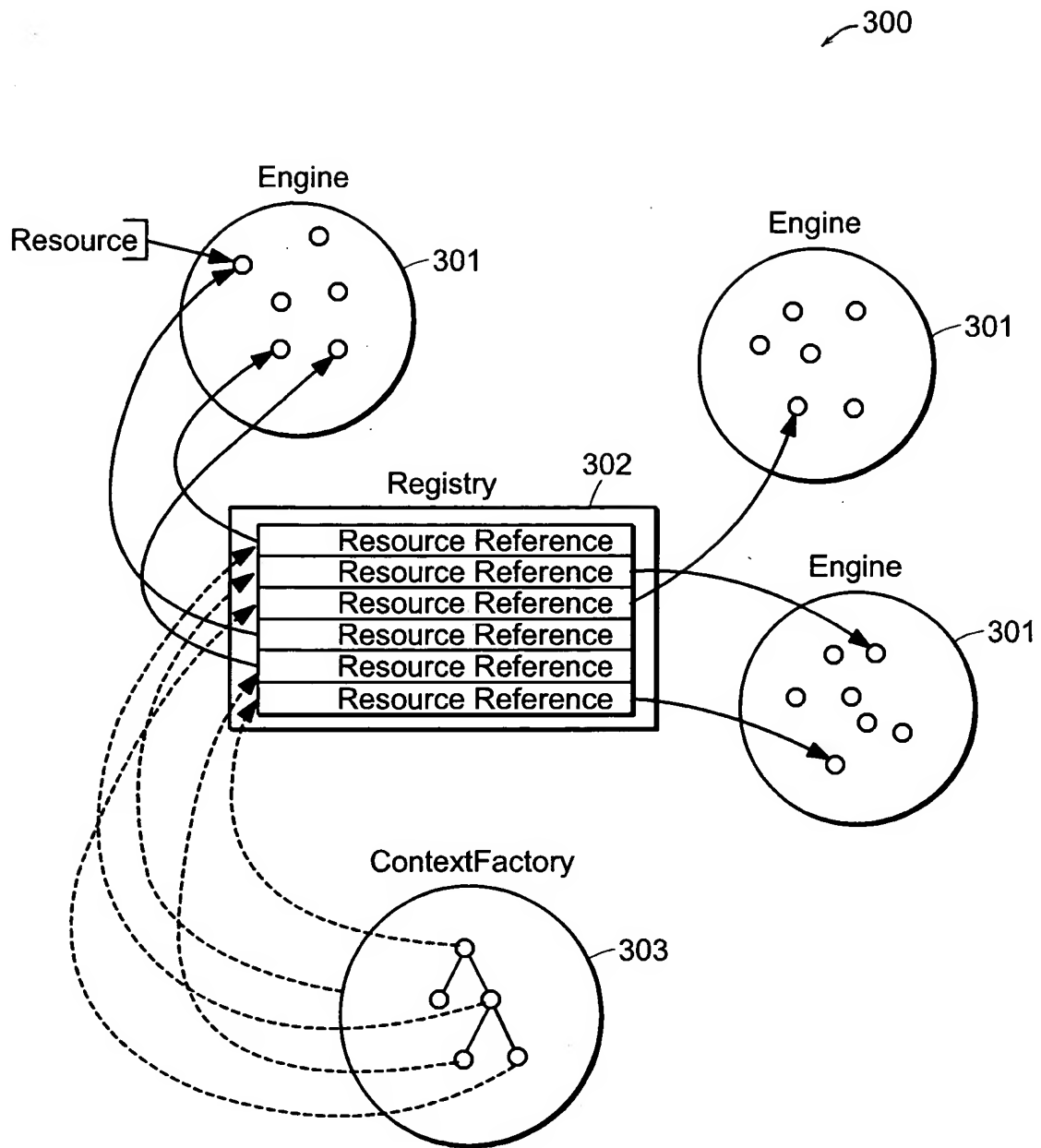


FIG. 1C



Machine Scalability Using Load Balancing

FIG. 2

*Engine/Registry Model***FIG. 3**

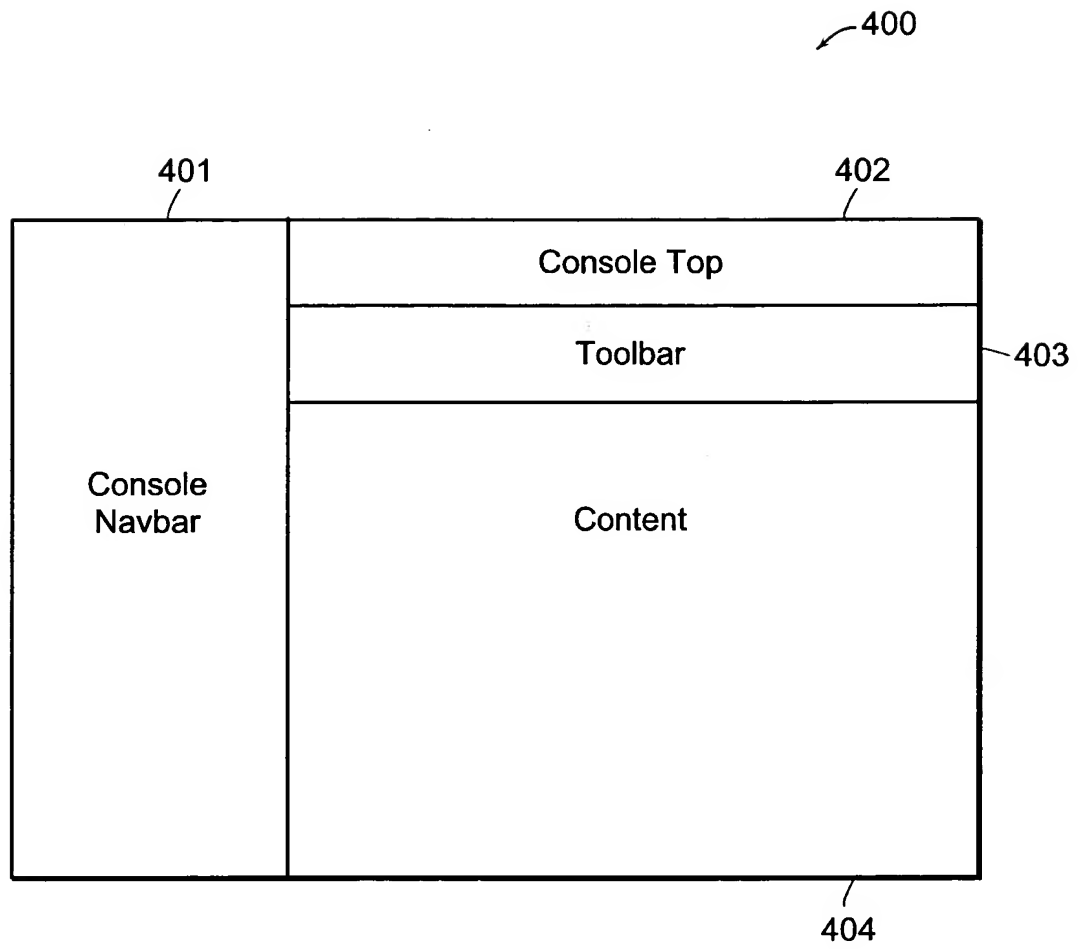


FIG. 4

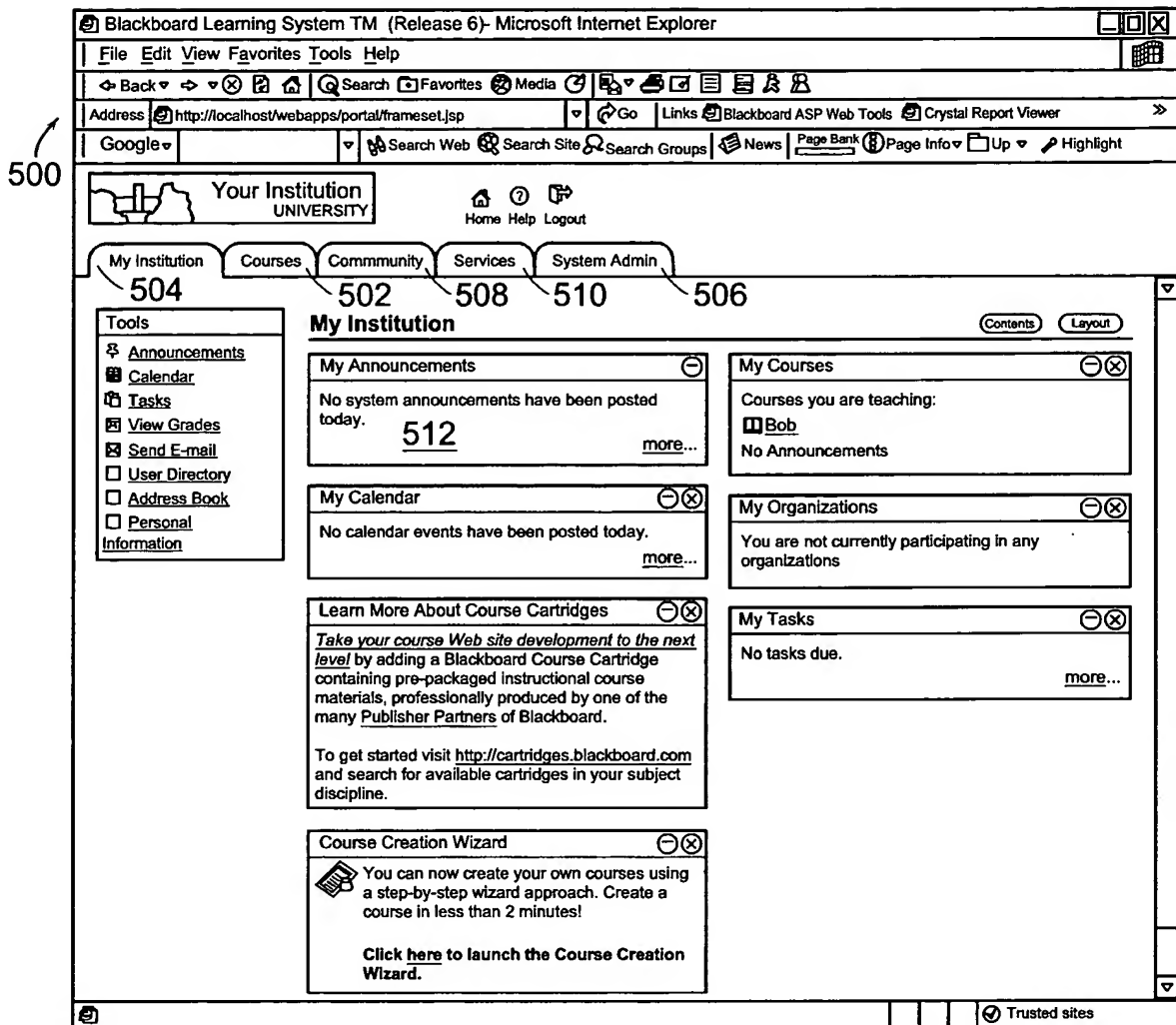


FIG. 5

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Blackboard Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://georgetown1/Blackout_v30r/bb_admin/frames/frame_enterprise_courses.html Go

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources

SEARCH THE WEB

Search for a course:

 GO

[advanced search](#)

OFF-CAMPUS LEARNING

Kaplan
Help prepare for final exams.

Tutor.net
Need a tutor, use the virtual chat 24 hour Tutor.net service.

eHow
Find out how to do just about anything

Blackboard.com
Find courses you can take online

SEARCH THE WEB

Search the Web

 GO

[advanced search](#)

FIG. 6

9/57

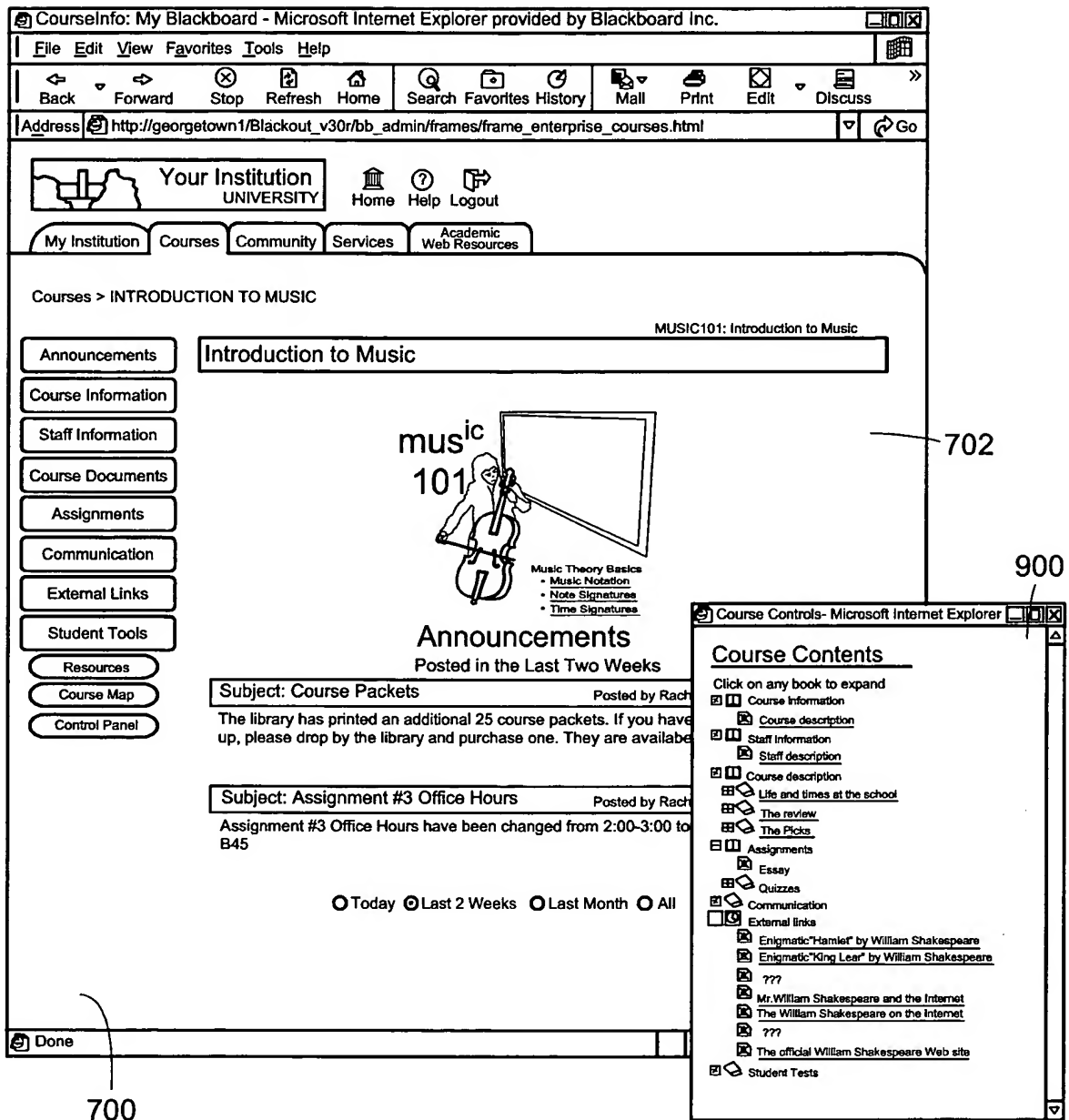


FIG. 7

10/57

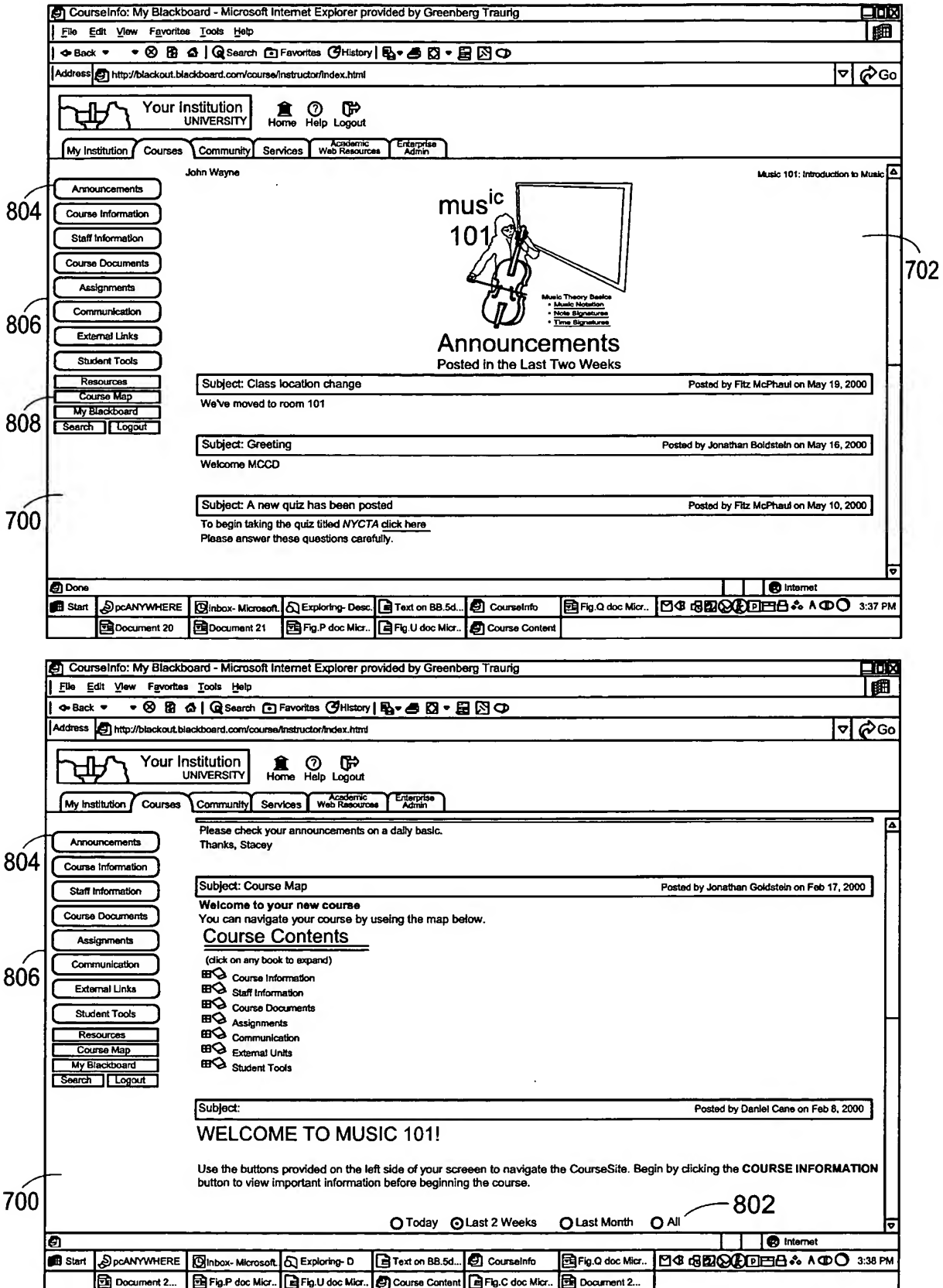


FIG. 8

Course Contents - Microsoft Internet Explorer provided by Greenberg Traurig

Course Contents

(click on any book to expand)

Course information

Course Projects

Welcome

Basic Course Content

The Primary course Objective

Course Materials

Course Information

Course Projects

Course Goals

Course Information

UMF Folder

Test Information

Staff Information

Gohaat, Peter

Griffin, Catherine

Simmons, John

Course Documents

Assignments

Physics in Music - Multimedia Presentation

Mathematics in Music

Harmonics Progression

Surveys

Quizzes

Communication

Send Email

Discussion Board

Student Roster

Virtual Chat

Student Homepages

Group Homepages

External Links

Student Tools

902

Start

peANYWHERE

Inbox- Micr..

Exploring- D

Text on BB.5

Course Info

Fig Q doc ..

Document 2...

3:40 PM

FIG. 9

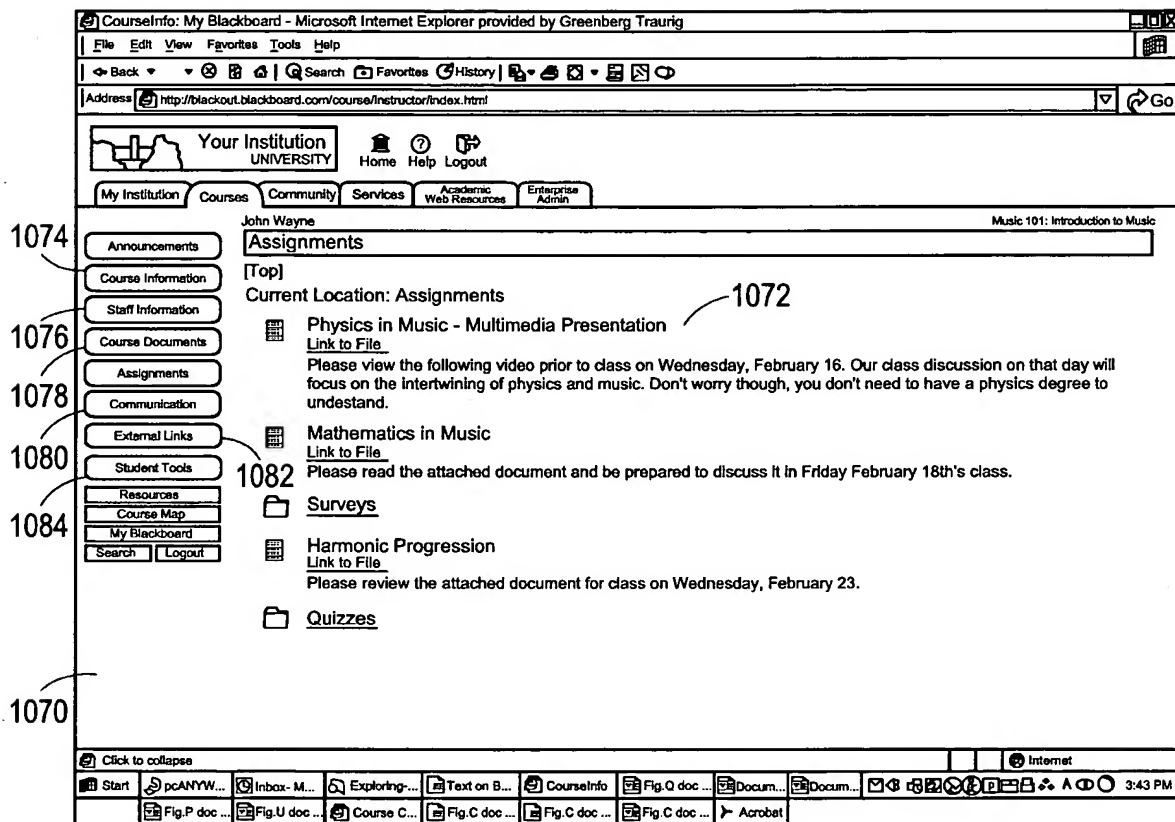


FIG. 10

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Blackboard Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://georgetown1/Blackout_v30r/bb_admin/frames/frame_enterprise_courses.html Go

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources

Courses > INTRODUCTION TO MUSIC MUSIC101: Introduction to Music

Announcements Course Information Staff Information Course Documents Assignments Communication External Links Student Tools Resources Course Map Control Panel

Course Documents

[Top]
Current Location: Course Documents

Syllabus
[Link to File](#)

Session 1
The major scale, has no sharps or flats associated with any of the notes in the scale. Here is the C major scale in the treble staff.

(to display options for the animation below, move your mouse pointer atop the image and click the right mouse button)

Session 1: Lessons

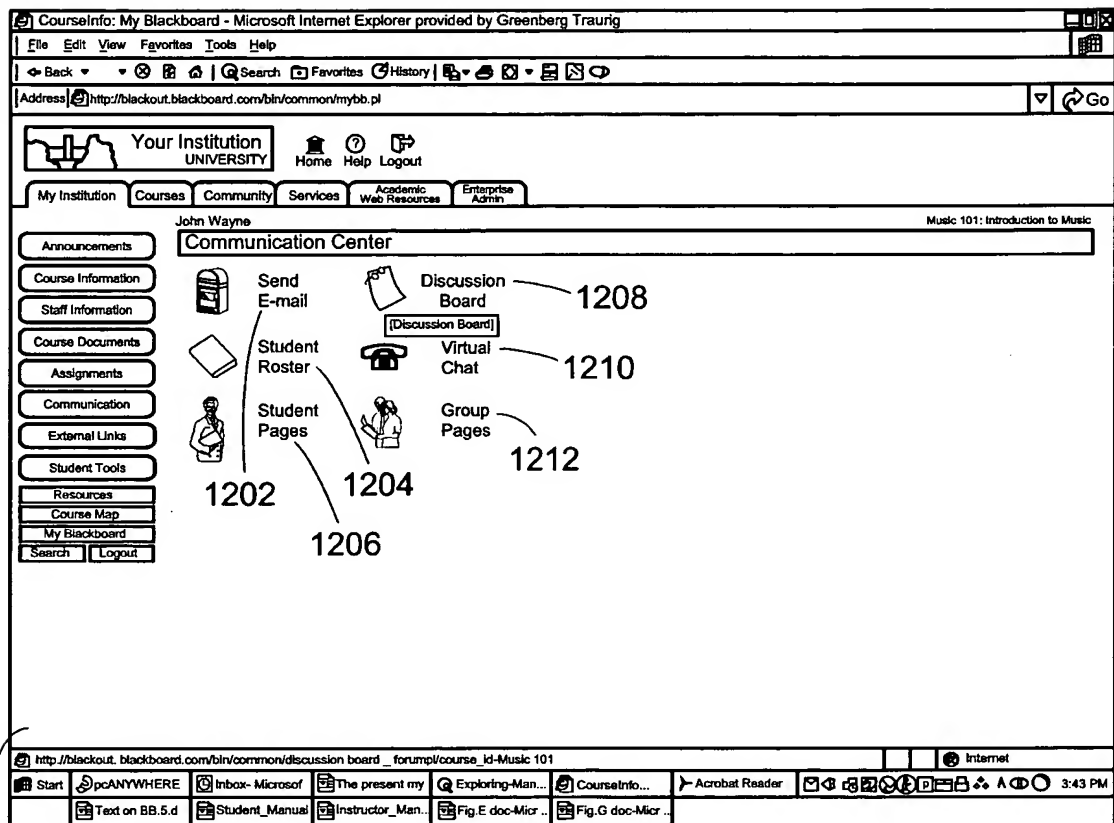
Session 1: An Atlas of Consonance
[Link to File](#)
Please print this document and keep it available for fast review.

Session 2: Music Notation

Done Local intranet

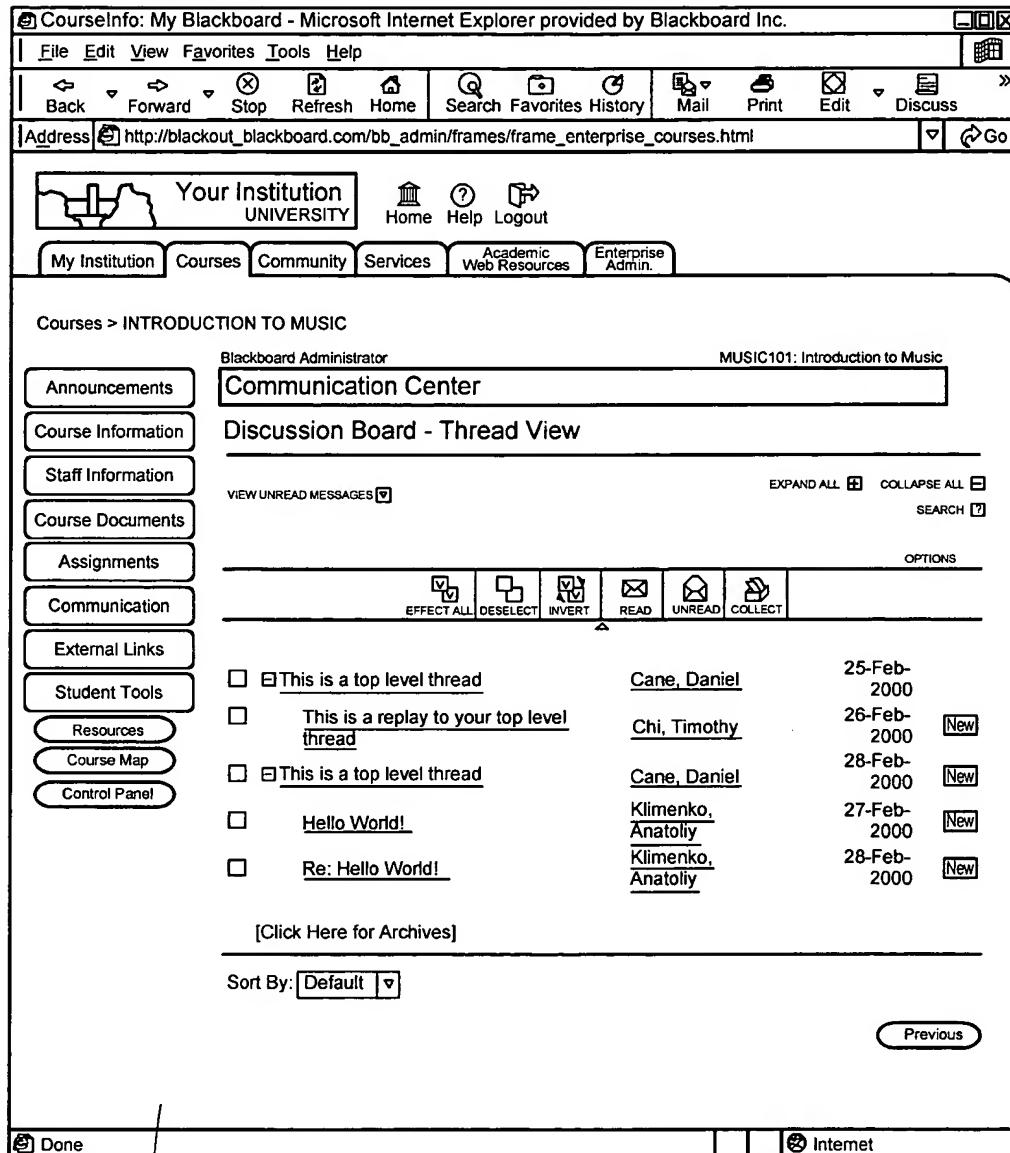
1100

FIG. 11



1200

FIG. 12



1300

FIG. 13

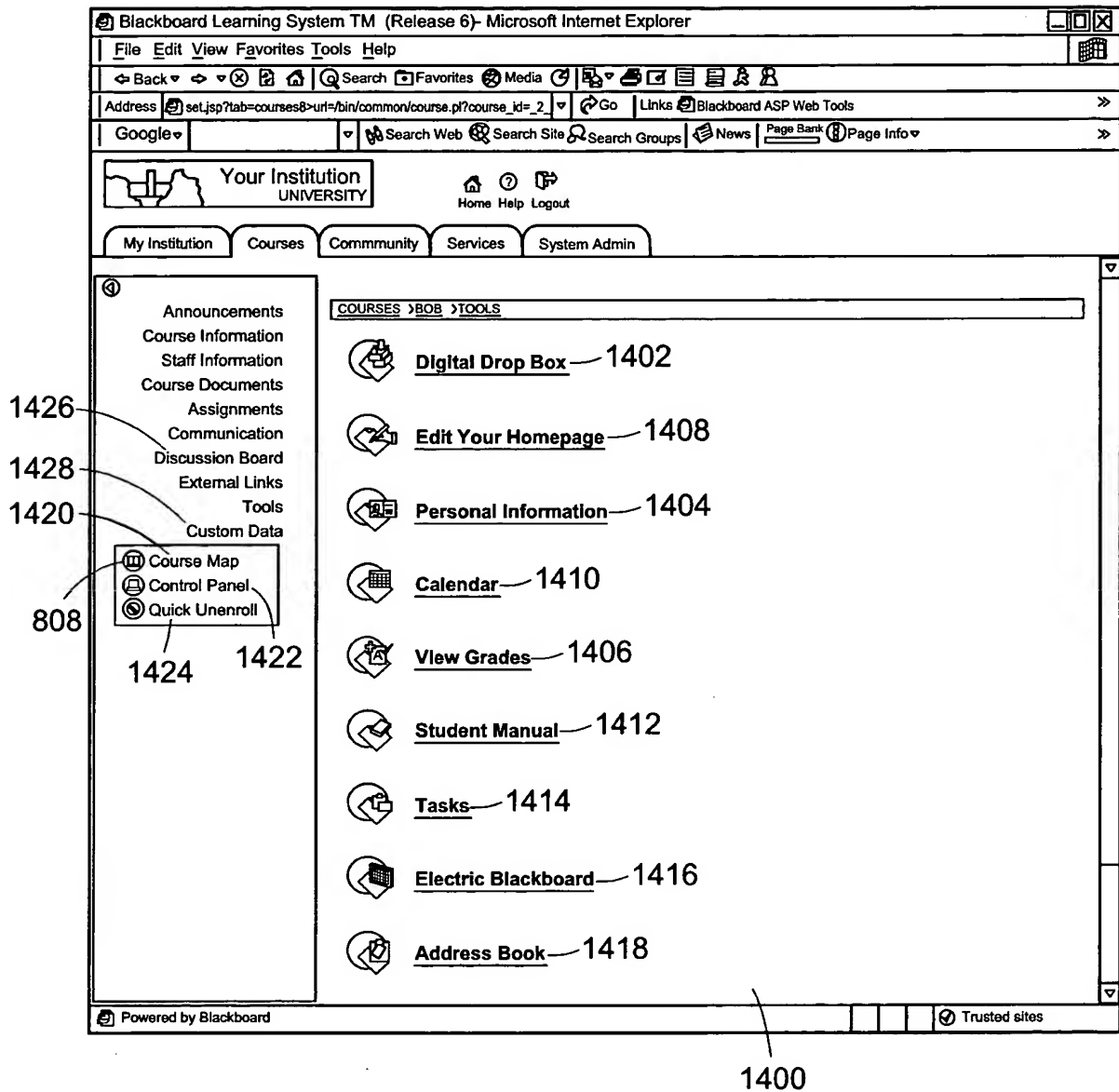


FIG. 14

Student Drop Box

Use your student drop box to submit files to your instructor. Also, your instructor can return your files to you with comments attached.



Current Files in your DropBox

Note: If you want to save a file, right click on the Link Name and choose Save Link As

<u>File Name</u>	<u>Link Name</u>	<u>File Size</u>	<u>Status</u>
none	none	none	none

[Remove Files]



Add File to DropBox

Click the *Browse* button to select the file to attach from your computer. Be sure to specify a linkname for your file,

File to Upload:

Name of Link to File:

(Example: *Homework One, Assignment One*)

Back

1500

1502

1504

Browse...

1506

Send File to Instructor

FIG. 15

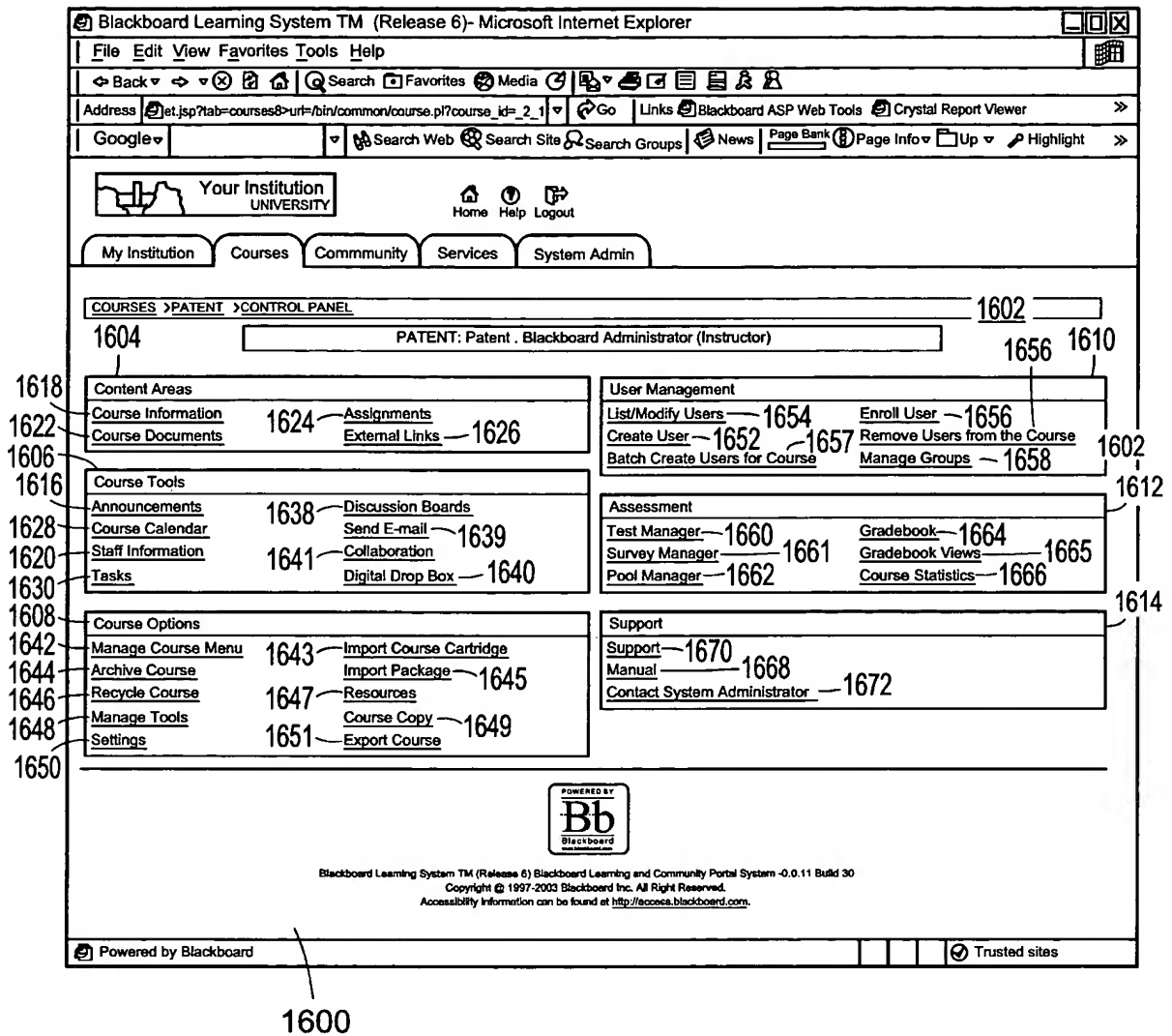


FIG. 16

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Greenberg Traurig

File Edit View Favorites Tools Help

Back Search Favorites History

Address: http://blackout.blackboard.com/course/instructorIndex.htm Go

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

Courses > INTRODUCTION TO MUSIC > CONTROL PANEL > ANNOUNCEMENTS

Announcements: View Today

Add Announcement

VIEW TODAY VIEW LAST 7 DAYS VIEW LAST 30 DAYS VIEW ALL

Wednesday, March 15, 2000

Permanent: *Final Exam has Moved!!!!* Modify Remove
 Due to the leaky roof in Warren B45, we have moved the exam to Hollister B14. The exam still begins promptly at 7 pm. Posted by Timothy Chi

Permanent: *Final Exam has Moved!!!!* Modify Remove
 Due to the leaky roof in Warren B45, we have moved the exam to Hollister B14. The exam still begins promptly at 7 pm. Posted by Timothy Chi

Wednesday, Mar 15, 2000: New Floods Threaten Mozambique Modify Remove
 Two days of heavy rain have disrupted the distribution of food to flooded communities in central Mozambique. The main road from the port of Beira to the small town of Save has again been cut. Helicopters were called in on Tuesday to rescue 30 people and sacks of food from vehicles trapped on the road by flood water. Posted by Dr. Kargatis

Wednesday, Mar 15, 2000: NCAA: *Michigan St. Arizona in First-Day Action* Modify Remove
 Big Ten Conference champion Michigan State, a Final Four team last season, and Pac-10 winner Arizona are the leading seeds in action when the NCAA Tournament- and March Madness- begins Thursday. Michigan State (26-7) is the top team in the Midwest, a region which features the Big 12 champion Iowa State, Atlantic Coast Conference runner-up Maryland, Big East regular season co-champion Syracuse, and traditional powers Kentucky and UCLA Arizona (26-6) earned the top seed in the West region after completing a sweep of Pac-10 co-champion Stanford last week. Big East tournament winner St. John's, Oklahoma, Louisiana State, Texas and Purdue are the top teams in the region. Michigan State, seeking its first national championship since Magic Johnson led the team to a title in 1979, faces 16th-seeded Valparaiso (19-12) Posted by Dr. Kargatis

Done Internet

Start pcANYW... Inbox- M... Exploring-D Text on BB... CourseInfo Fig.V doc ... Document 2... 3:52 PM

Document 2 Fig.P doc ... Fig.U doc ... Fig.C doc ... Fig.C doc ... Fig.C doc ...

FIG. 17

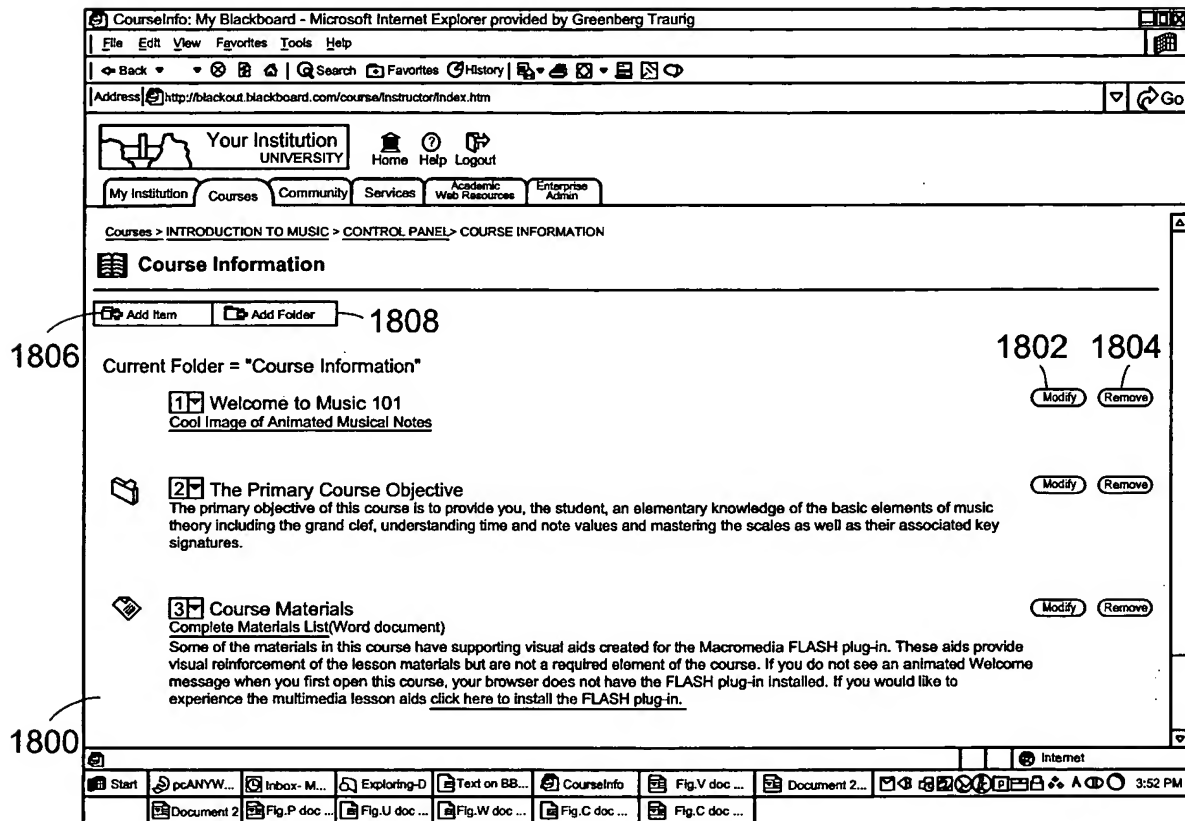


FIG. 18

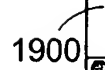


FIG. 19

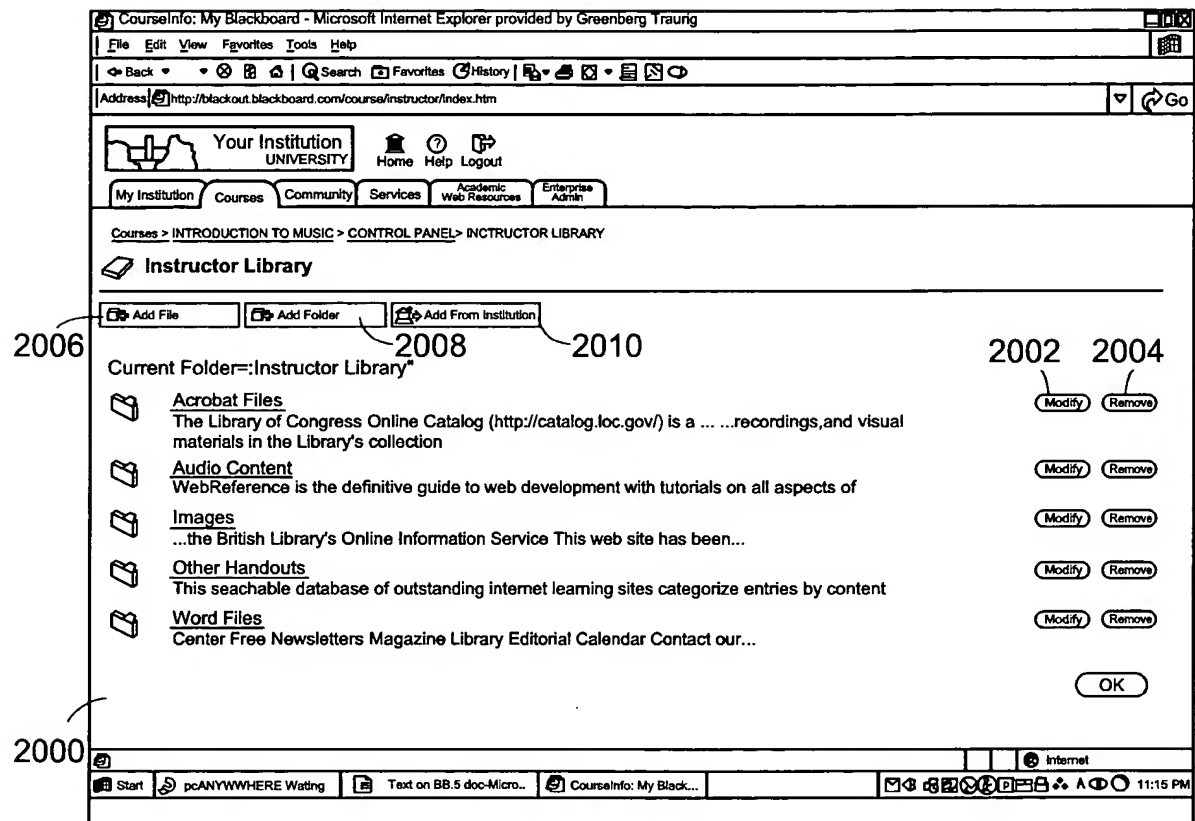


FIG. 20

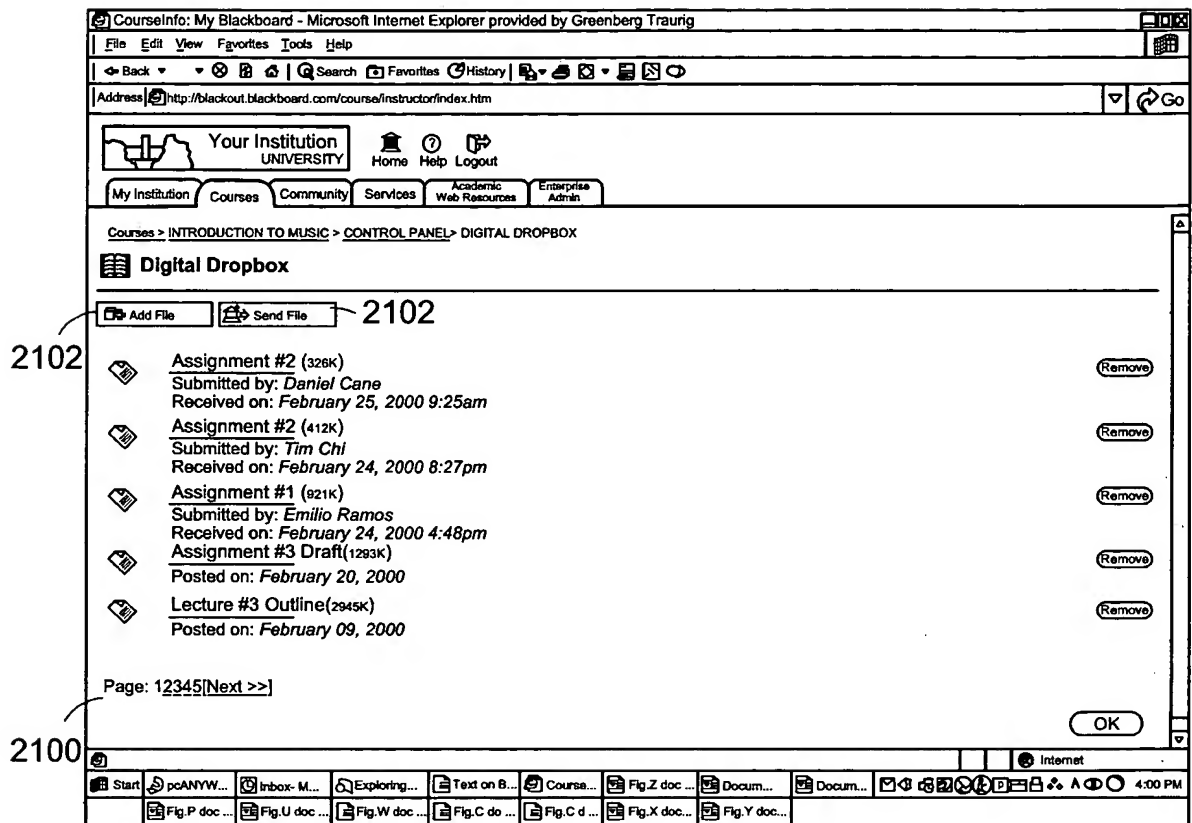


FIG. 21

Blackboard Learning System TM (Release 6)- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Media Print View Source

Address et.jsp?tab=courses&url=/bin/common/course.pl?course_id=2_1 Go Links Blackboard ASP Web Tools Crystal Report Viewer

Google Search Web Search Site Search Groups News Page Bank Page Info Up Highlight

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services System Admin

COURSES > PATENT > CONTROL PANEL > GRADEBOOK

View Spreadsheet 2200

2202 2204 2206 2208 2210 2212 2218

Add Item Manage Items Gradebook Settings Weight Grades Download Grades Upload Grades

Sort Items by: Position GO Filter Items by Category: All GO Filter Users by Last Name: All GO

Student Name (Last, First)	Mid-Term Assignment Pts Possible: 0 Weight: 0%	Total Pts Possible: 0	Weighted Total
Alcorn, Bob	100	100	0%

1 Students
Displaying records 1 - 1 << Previous 1 Next >>

☐ In Progress
☐ No Information
☐ Needs Grading
☐ Grading Error
☒ Completed
 Denotes a non-visible item

OK

Powered by Blackboard Internet

FIG. 22

COURSES > INTRODUCTION TO MUSIC > CONTROL PANEL > COURSE STATISTIC > REPORT

Course Statistics

Statistics Generated on Thursday, February 24, 2000 11:26:28AM

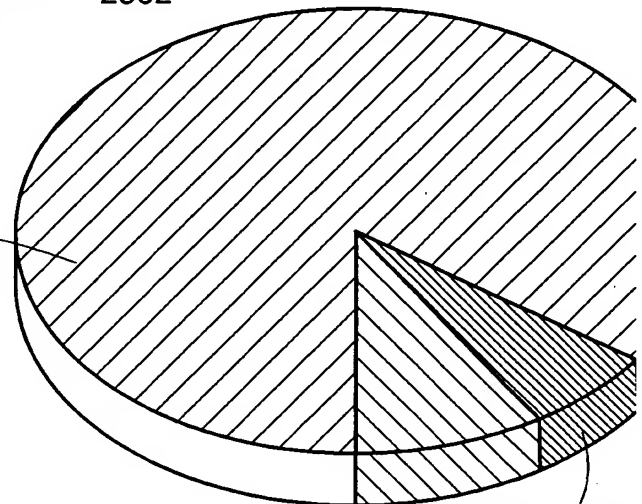
Note: You may have to reload/refresh this page for the images to be correct.

Total Number of Accesses per Area	2302
Number of Accesses over Time	2304
User Accesses per Hour of the Day	2306
User Accesses per Day of the Week	2308
Total Accesses by User	2310

Total Number of Accesses per Area — 2302

Area Name	Hits	Percent
Content Areas	139	83.2 %
Communication Areas	10	5.98 %
Group Areas		0 %
Student Areas	15	8.98 %
Total	167	100 %

Content Areas



Communication Areas

Number of Accesses over Time — 2304

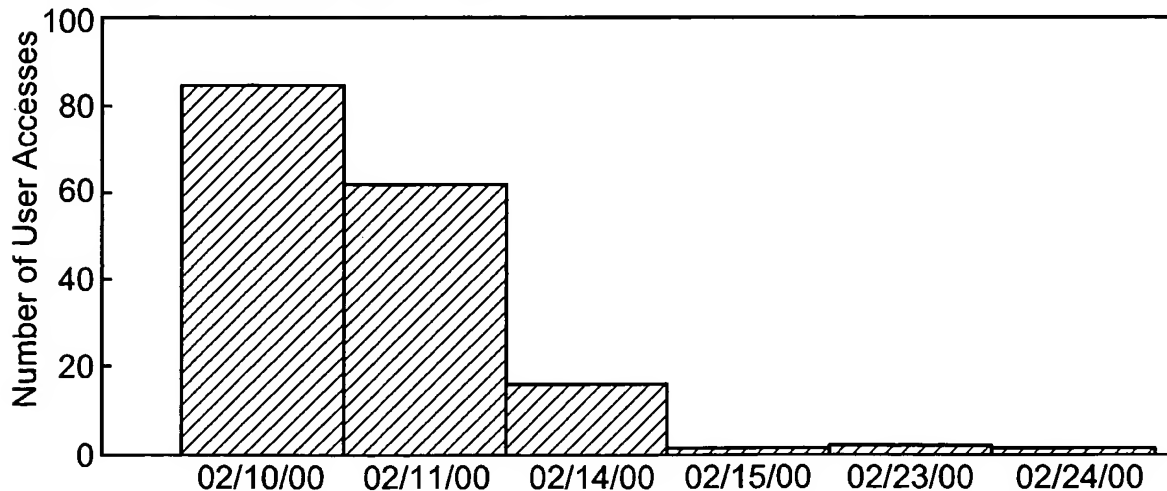


FIG. 23A

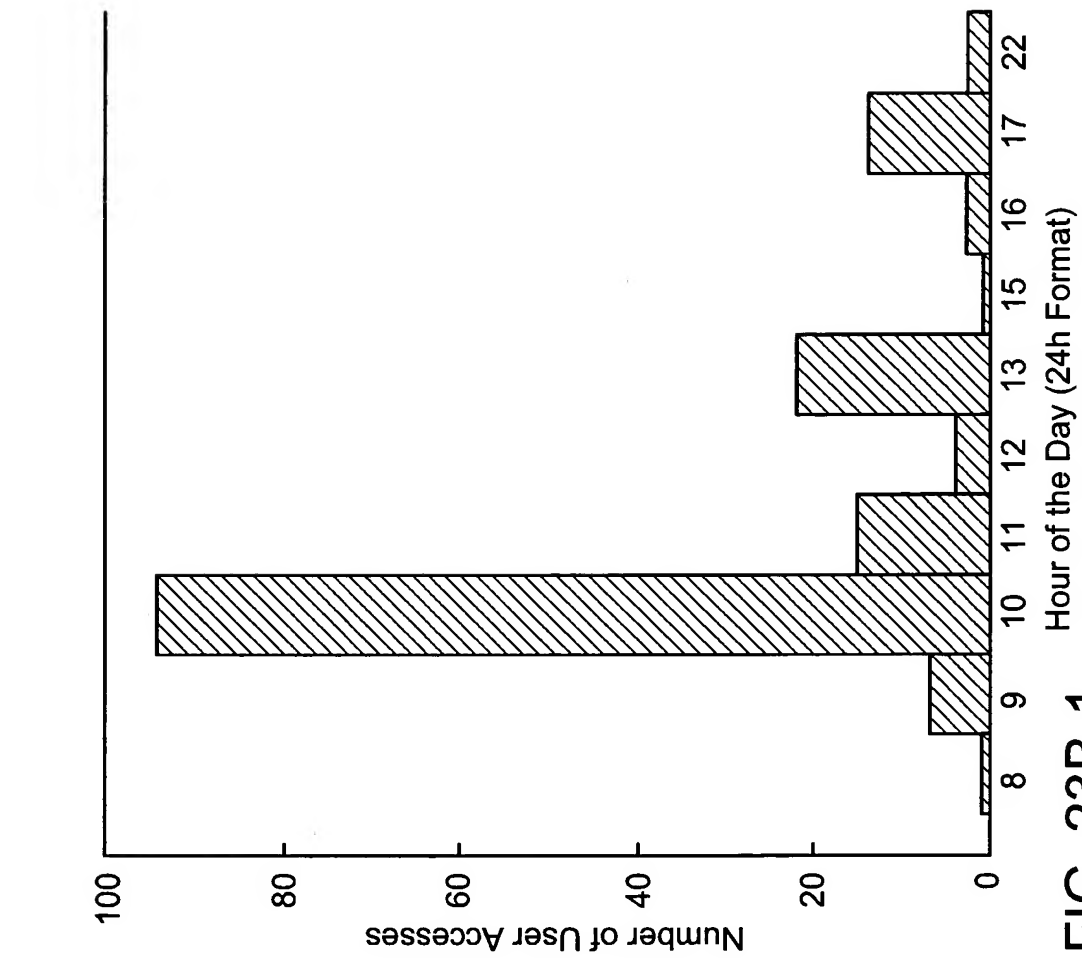


FIG. 23B-1

User Accesses by Hour of the Day				2306
Hour of the Day	Hits	Percent		
8	1	0.59 %		
9	7	4.19 %		
10	94	56.2 %		
11	15	8.98 %		
12	4	2.39 %		
13	22	13.1 %		
14	1	0.59 %		
15	3	1.79 %		
16	14	8.38 %		
17	3	1.79 %		
18	3	1.79 %		
Total	167	100 %		

2300

Fig. 23B-1
Fig. 23B-2

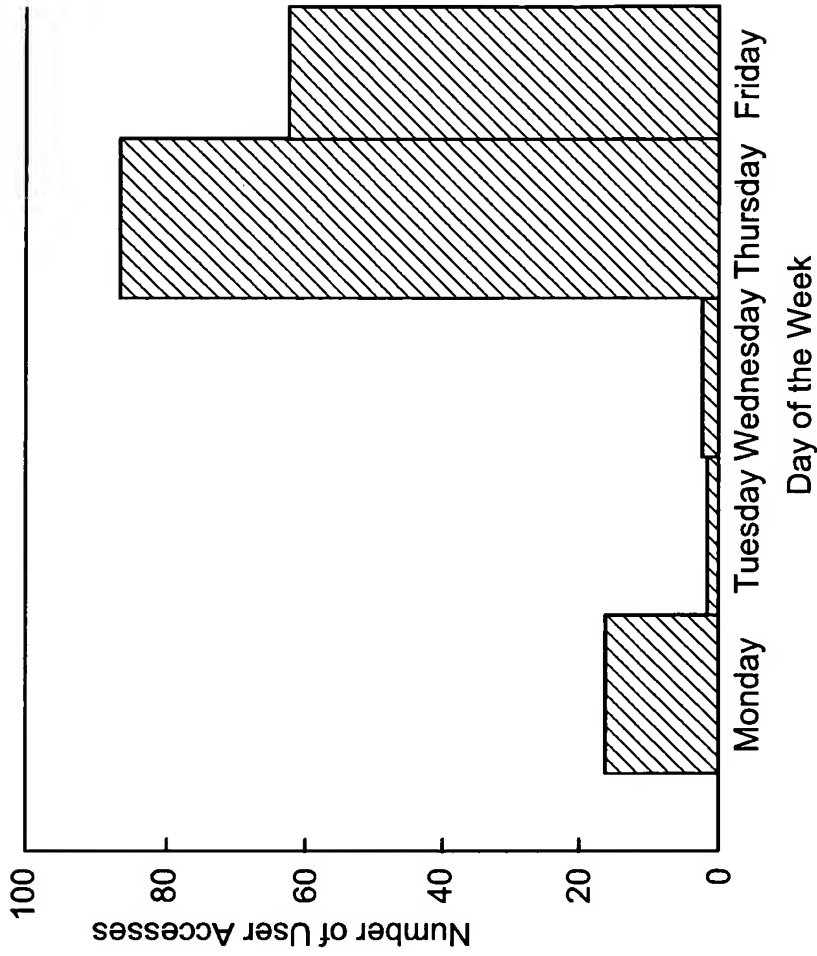
FIG. 23B

2308

User Accesses by Day of the Week

Day of the Week	Hits	Percent
Monday	16	9.58 %
Tuesday	1	0.59 %
Wednesday	2	1.19 %
Thursday	86	51.4 %
Friday	62	37.1 %
Total	167	100 %

2300



27/57

FIG. 23B-2

Blackboard Learning System™ (Release 6)- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Search Favorites Media Print View Source

Address http://localhost/webapps/portal/frameset.jsp?tab_id=_7_1 Go Links Blackboard ASP Web Tools Crystal Report Viewer Expense Reports

Google Search Web Search Site Search Groups News Page Bank Page Info Up Highlight

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services System Admin

2403a 2403b 2403c 2403d 2401

Blackboard Learning System™ (Release 6) Blackboard Internal SE Dev Edition 6.0.9 build 220

bb_bh60 administrator (System admin)

2414 2442

2402 Courses

2436 List/Modify Courses 2416 Export Course

2404 Create Course 2418 Archive Course

2406 Batch Create Courses 2420 Restore Courses

2408 Batch Enroll Users in Course 2422 Settings

2410 Remove Course 2424 Images and Icons

2412 Copy Course 2426 Catalog

2428 Import Course

2430 Organizations

2432 List/Modify Organizations 2462 Import Organization

2433 Create Organization 2464 Export Organization

2437 Batch Create Organizations 2466 Archive Organization

2438 Batch Enroll Users in Organization 2468 Restore Organization

2440 Remove Organization 2470 Settings

2444 Copy Organization 2472 Images and Icons

2446 Discussion Boards 2474 Catalog

System Options

Manage System Extension 2444 System Config Info 2448

System Reporting 2446 Logs 2450

Tools

Announcements 2454 2452 2460

Institution Calendar 2456 2458

Send E-mail 2458

Security and Integration

SSI Choice 2472 Customize User Profile

Authentication Config 2474 User Privileges

Manage Context Encryption Key 2476 System Settings

Integration Password 2478 Gateway Options

Customize Login Page 2476

Assistance

Online Admin Manual 2480 2482 2479

Online Support Site 2484

Designate Local Support Contact

2432 Users

2433 List/Modify Users 2434 Remove Users from the System

2437 Create User 2438 Batch Remove Users from the System

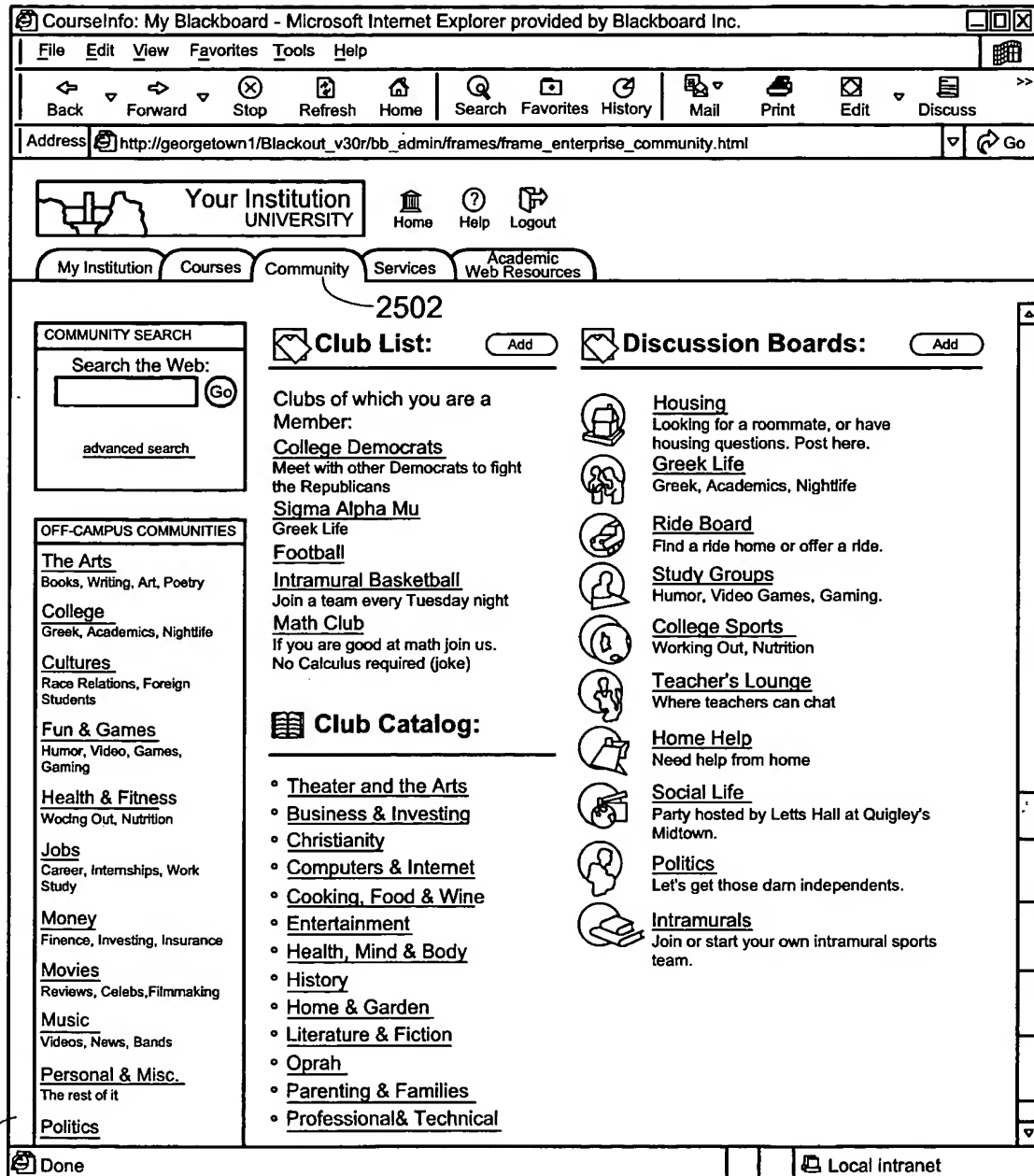
2438 Batch Create Users 2434 Observer Management

2437 Postal Areas

2438 Manage Tabs 2440 Manage Tool Panel

Powered by Blackboard Trusted sites

FIG. 24



2500


FIG. 25

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Blackboard Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss


Address http://georgetown1/Blackout_v30r/bb_admin/frames/frame_enterprise_services.html Go

 Your Institution UNIVERSITY

Home Help Logout

My Institution Courses Community **Services** Academic Web Resources Enterprise Admin

2602

 **Institution Services:**

OFF-CAMPUS SERVICES

- [Financial Aid](#)
- [Department of Education Resources](#)
- [Financial Services](#)
- [Career Center](#)
- [Online job banks and resources](#)
- [Health](#)
- [Find doctors and health facts on the web.](#)
- [Health & Fitness](#)

SEARCH THE WEB

Search the Web: (Go)

[advanced search](#)

ACADEMIC LIFE

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[Athletics](#) | [Calendar of Events](#) | [Campus Events](#) | [Campus Life](#) | [Campus Maps](#) | [Campus Store](#) | [University Police](#) | [University Facts](#) | [Dining](#) | [Environmental Health and Safety](#) | [Health and Wellness](#) | [Housing](#) | [News](#) | [Transportation Schedules](#) | [Weather](#)

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[Employment Opportunities](#) | [Academic and Administrative Offices](#) | [Human Resources](#) | [Alumni Affairs and Development](#) | [Division of Financial Affairs](#) | [Project 2000](#) | [Office of the Senior Vice President and Chief Financial Officer](#) | [Office for Purchasing Services](#) | [Transportation and Mail Services](#) | [University Administration](#) | [University Assemblies](#) | [University Policies and Procedures](#)

SURROUNDING COMMUNITY

[Dining and Entertainment](#) | [Transportation Schedules](#)

Done Local intranet


FIG. 26

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Blackboard Inc.

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://georgetown1/Blackout_v30r/bb_admin/frames/frame_enterprise_myblackboard.html Go

 **Your Institution UNIVERSITY** Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

TOOLS

- Home
- E-Mail
- Announcements
- Calendar
- Tasks
- User Directory
- Address Book
- Course Grades
- Personal Info

Calendar Show All

Add Event Quick Jump

VIEW DAY VIEW WEEK VIEW MONTH

<< Wednesday, March 1, 2000 >>

AM	6:00
	6:30
	7:00
	7:30
	8:00
	8:30
	9:00
	9:30
	10:00
	10:30
	11:00
	11:30
PM	12:00
	12:30
	1:00
	1:30
	2:00
	2:30

Local intranet

2700

FIG. 27

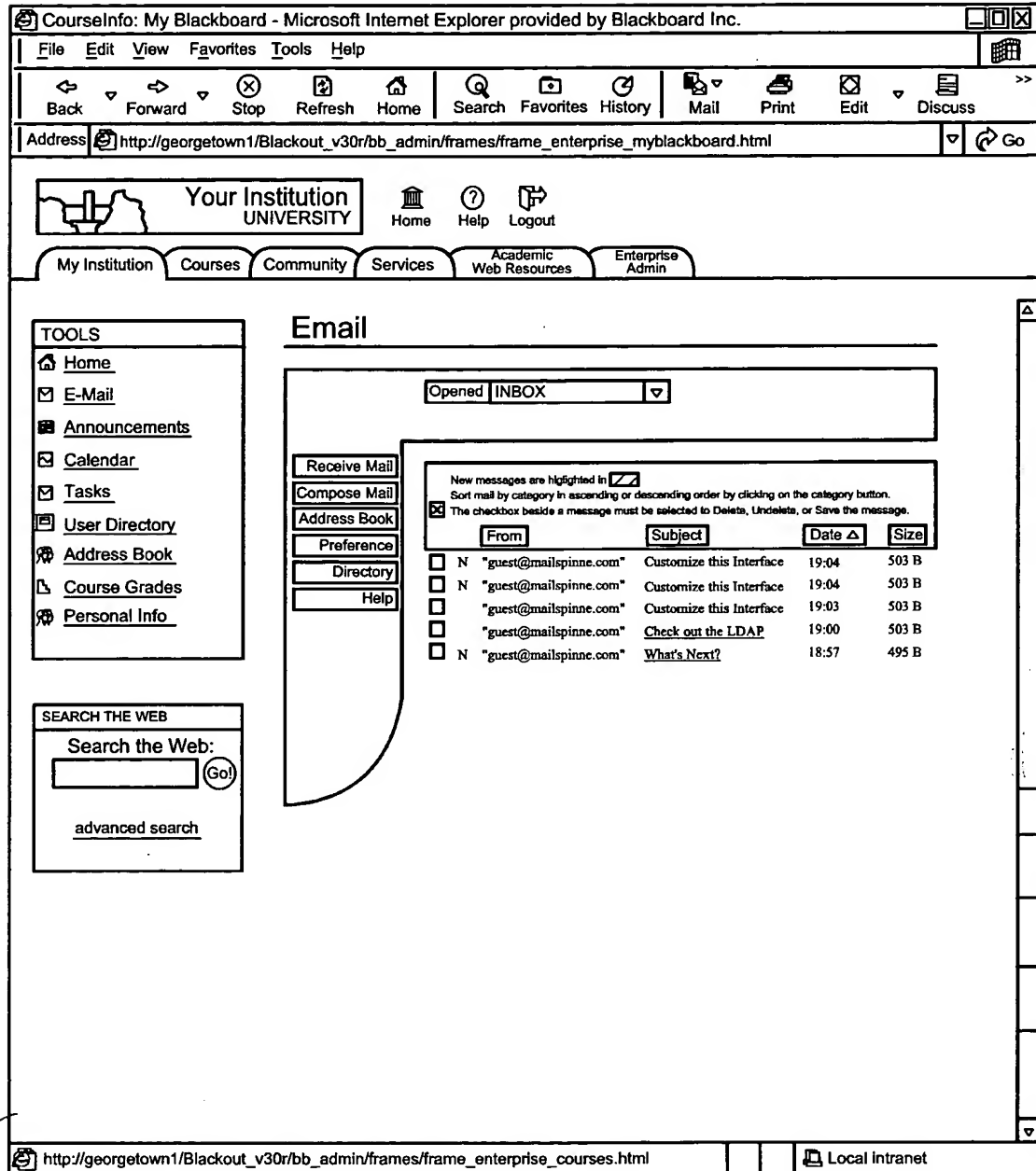


FIG. 28

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Greenberg Traurig

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History Print

Address: http://blackout.blackboard.com/bb_admin/frames/frame_enterpriseadmin.html Go

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

ADMINISTRATION PANEL > CREATE NEW COURSE

Create A New Course

1 Course Information

Course Name:

Course ID:

Description:

2 Course Design

Button Type:

Button Shape: ☒ Rectangular ☐ Rounded Ends ☐ Rounded Corners

Button Style:

3 Course Options

Select Type:

Discipline:

Guest Access: ☐ Guests are allowed to visit this course.
☐ Guests are not allowed to visit this course.

Start pcANYWHERE Inbox- Microsoft Exploring- Desk Text on BB.5d... CourseInfo My Black Fig.O doc Micr...

Internet 3:37 PM

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Greenberg Traurig

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History Print

Address: http://blackout.blackboard.com/bb_admin/frames/frame_enterpriseadmin.html Go

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

Guest Access: ☐ Guests are allowed to visit this course.
☐ Guests are not allowed to visit this course.

Available: ☐ Yes ☐ No

Select Course Catalog Category:

Course Cartridge: (optional) Please enter your Course Cartridge Access Key:

If you do not have an Access Key, please visit <http://cartridges.blackboard.com> to locate a Course Cartridge.

Instructor: ☐ Instructor ID: [List Users](#)
☐ Create New Instructor

4 Submit

Click "Submit" to finish. Click "Cancel" to end this process.

Cancel Submit

http://blackout.blackboard.com/bb_admin/frames/frame_enterprise_webresources.html Internet 3:38 PM

Start pcANYWHERE Inbox- Microsoft Exploring- D Text on BB.5d... CourseInfo Fig.O doc Micr... Document 20... Document 21... Document 22...

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Greenberg Traurig

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address: http://blackout.blackboard.com/bb_admin/frames/frame_enterprise_admin.html

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

ADMINISTRATION PANEL > CREATE USER

Create User

① Personal Information

*First Name:

Middle Name:

*Last Name:

*E-mail:

Student ID:

② Account Information

*User Name:

*Password:

*Verify Password:

③ Other Information

Start pcANYWHERE Inbox- Microsoft Exploring- Desk Text on BB.5d... CourseInfo My Black Fig.D doc Micr... Document 20... Document 21... Fig.P doc Micr... Fig.C doc Micr... Internet 3:18 PM

3000

3000

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Greenberg Traurig

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address: http://blackout.blackboard.com/bb_admin/frames/frame_enterprise_admin.html

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

Gender: ☒ Male ☐ Female

Birthday: January 1 1976

Education: Undergraduate Student

Company:

Department:

Job Title:

Address:

Address:(cont)

City:

State / Province:

Zip / Postal Code:

Country:

Web Site:

Home Phone:

Work Phone:

Start pcANYWHERE Inbox- Microsoft Exploring- D Text on BB.5d... CourseInfo..My Fig.D doc Micr... Document 20... Document 21... Fig.P doc Micr... Fig.C doc Micr... Internet 3:18 PM

FIG. 30A

CourseInfo: My Blackboard - Microsoft Internet Explorer provided by Greenberg Traurig

File Edit View Favorites Tools Help

Back Search Favorites History

Address: http://blackout.blackboard.com/bb_admin/frames/frame_enterpriseadmin.html Go

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services Academic Web Resources Enterprise Admin

Work Phone:

Work Fax:

Mobile Phone:

④ Role and Availability

Primary Institution Role:

Administrative User Role:
If you would like user to have an administrative role, please select the role:
(Note: Administrative Access grants the user Access to the Administration Control Panel)

☒ None ☐ System Admin ☐ System Support
☐ Course Creator ☐ Account Administrator

⑤ Submit

*-Required Field for Form Entry
Click "Submit" to finish. Click "Cancel" to end this process.

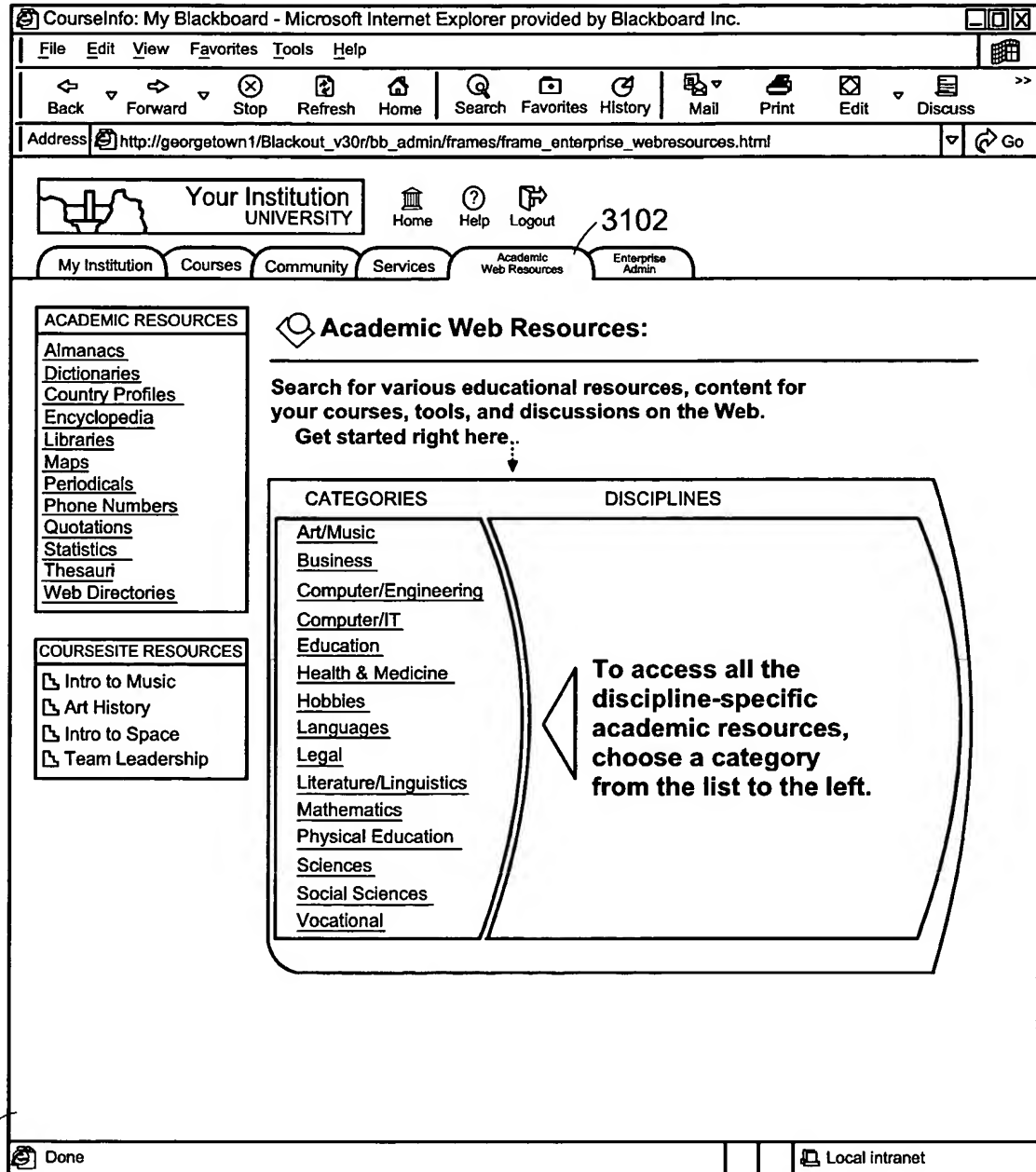
Cancel Submit

Start pcANYWHERE Inbox- Microsoft... Exploring- Desk Text on BB.5d... CourseInfo My Black... 3:18 PM

Fig.D doc Micr... Document 20... Document 21... Fig.P doc Micr... Fig.C doc Micr...

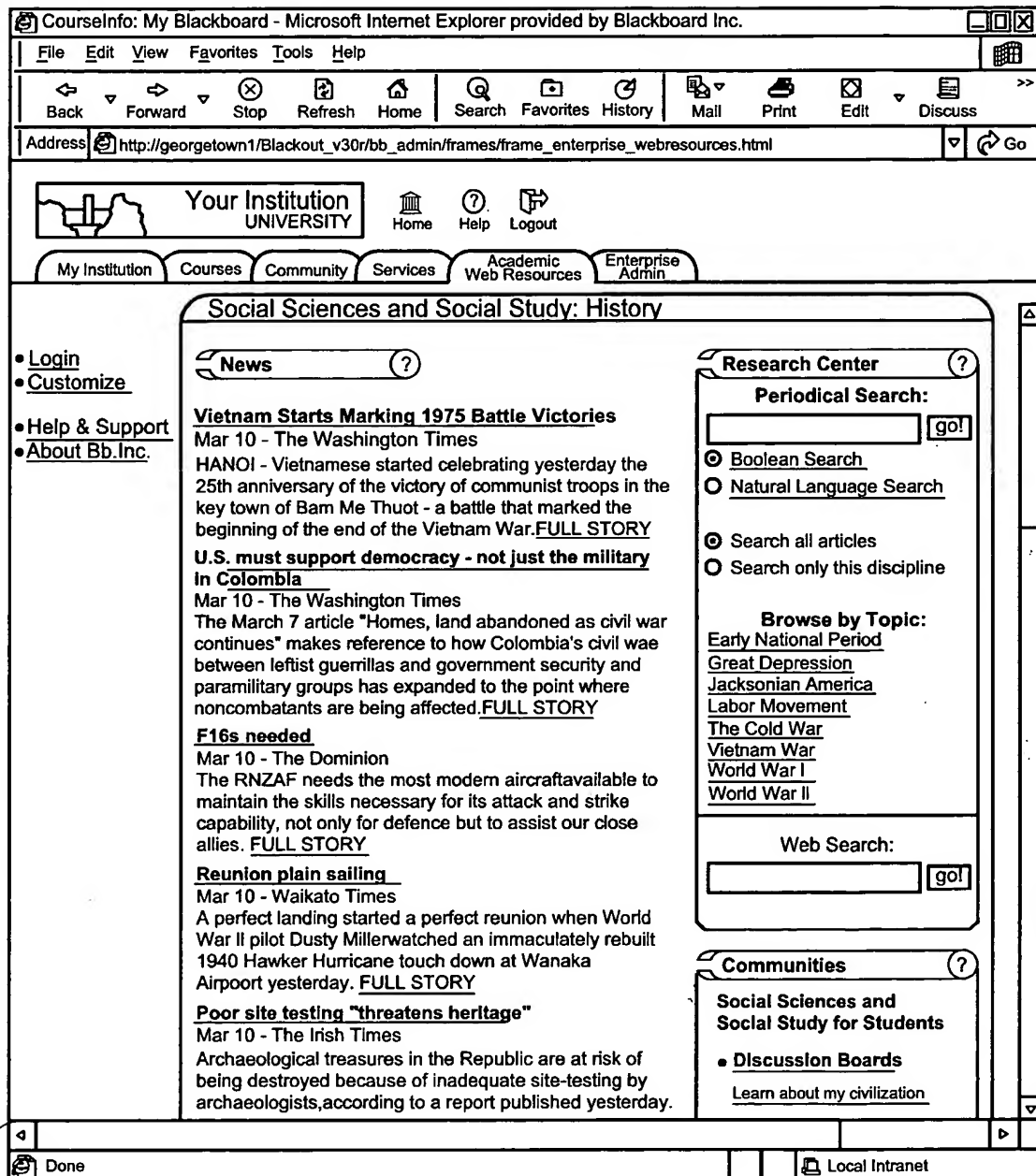
3000

FIG. 30B



3100

FIG. 31



Blackboard Learning System TM (Release 6)- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Media Print View Source

Address [set.jsp?tab=courses&url=/bin/common/course.pl?course_id=2](#) Go Links Blackboard ASP Web Tools Crystal Report Viewer

Google Search Web Search Site Search Groups News Page Bank Page Info Up Highlight

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My Institution Courses Community Services System Admin

Announcements
Course Information
Staff Information
Course Documents
Assignments
Communication
Discussion Board
External Links
Tools

Course Map
Control Panel
Quick Unenroll

COURSES > PATENT > COMMUNICATIONS > COLLABORATION

Collaboration Sessions

Filter: Show All GO Search By: ☒ Session Name ☐ Start Date ☐ End Date (MM DD YY) Search

Displaying sessions 1-2 of 2

Session Name	Tool	Start Date	End Date	
Lecture Hall	Virtual Classroom			Join
Office Hours	Lightweight Chat			Join

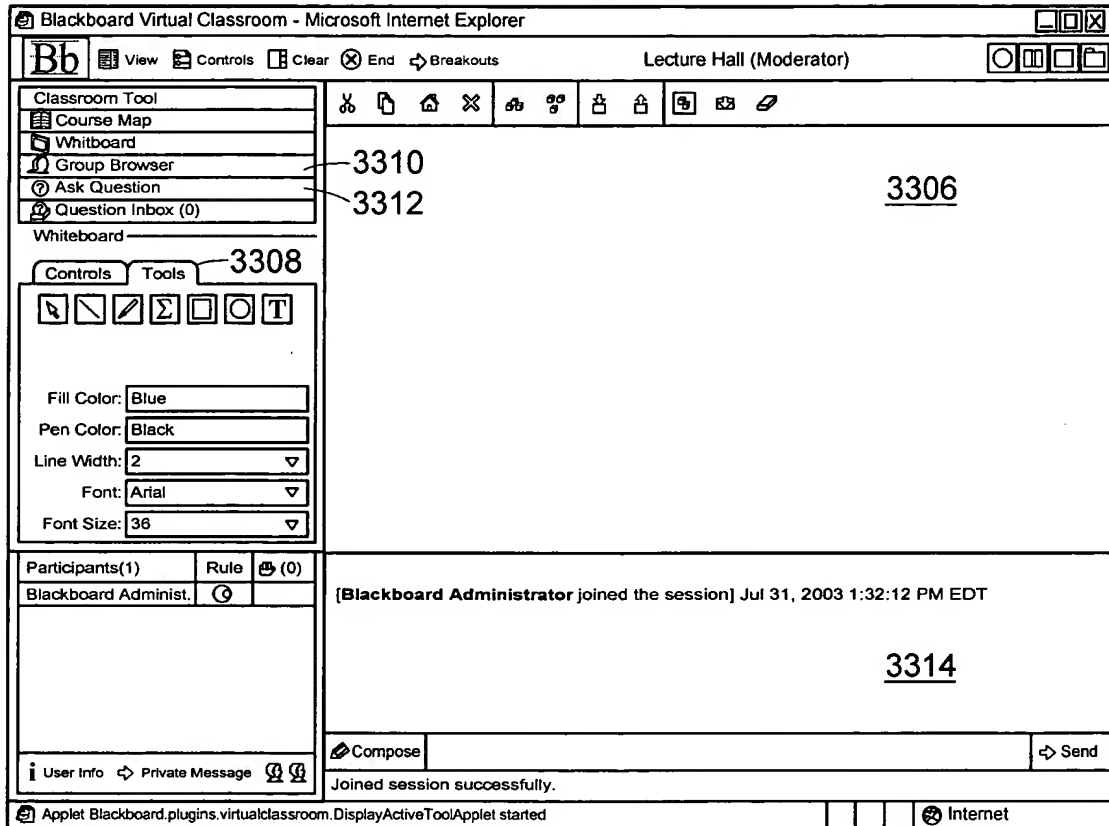
2 Sessions
Displaying sessions 1-2

3302 3304 OK

Powered by Blackboard Internet

3300

FIG. 33A



3450

FIG. 33B

Linking to the E-Commerce Server

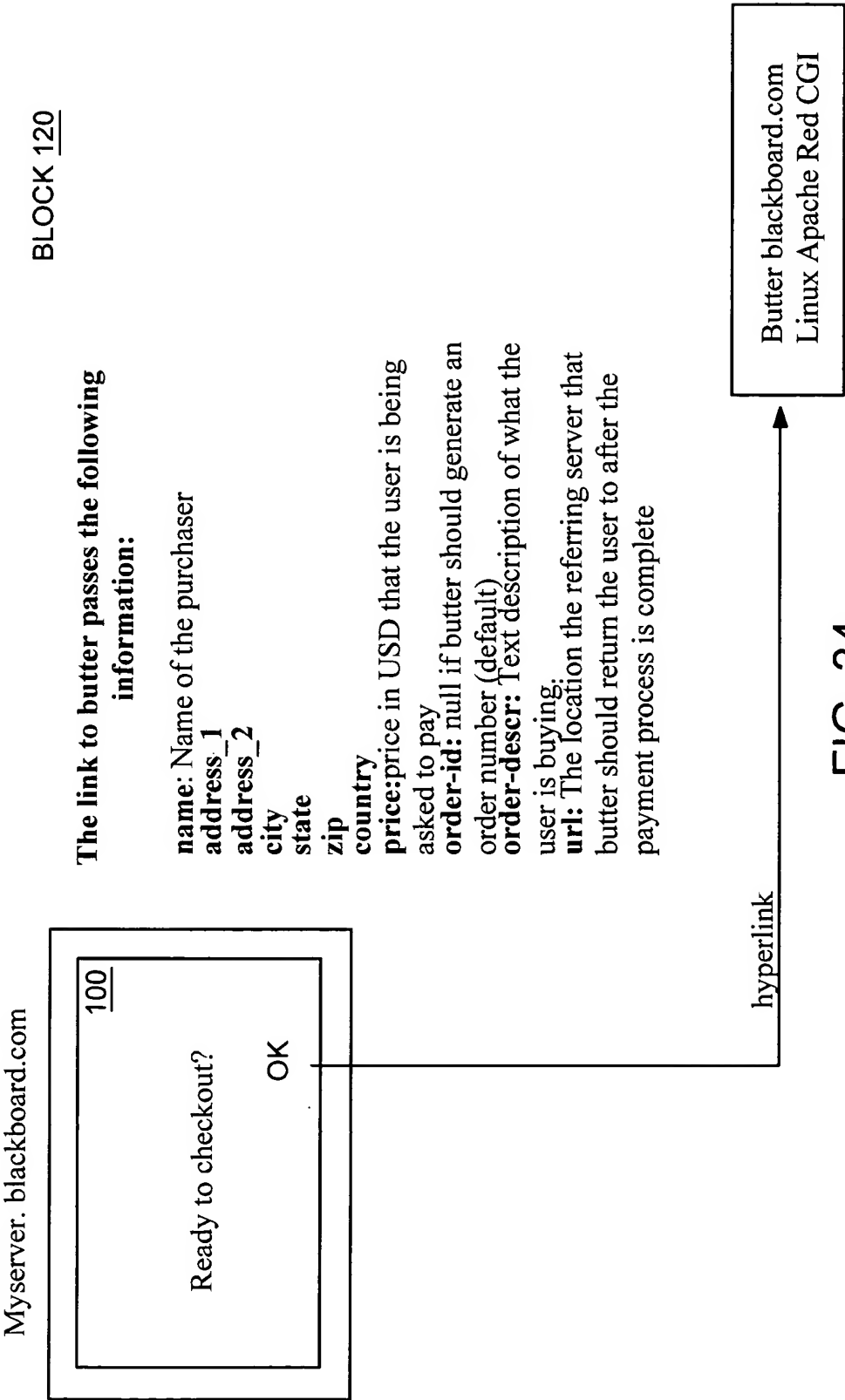


FIG. 34

BLOCK 120

Butter.blackboard.com

3502-

3504-

3506-

3500

Accepts VISA, MC, Diner's Club, JCB and Carte
Blanche (but not Amex)

Whatever user info is available is populated from the data passed from the previous page.

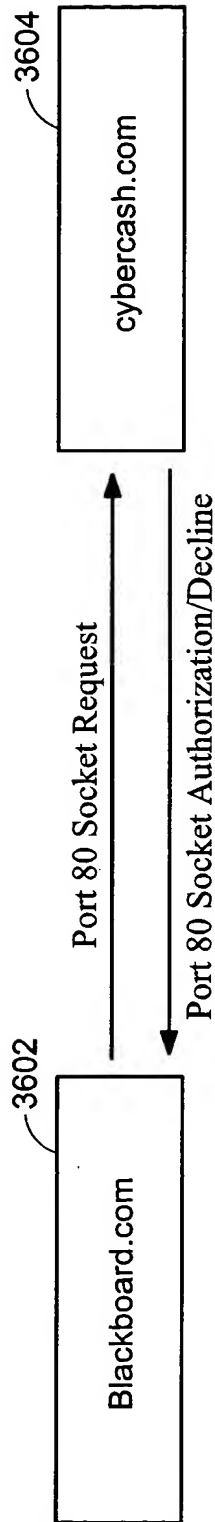
The unique order number displayed is dynamically generated by the server.

The Chosen services and price displayed are passed in from the previous screen.

The look and feel of this plate (and all butter e-commerce pages) can be modified by an HTML template. This template is selected as one of the script parameters.

FIG. 35

Authorization Process



- The authorization process takes a minute or so.
- If the card is rejected, a page like the one at right is displayed.
- If the card is accepted, the payment goes through, and the page on the next slide is shown.

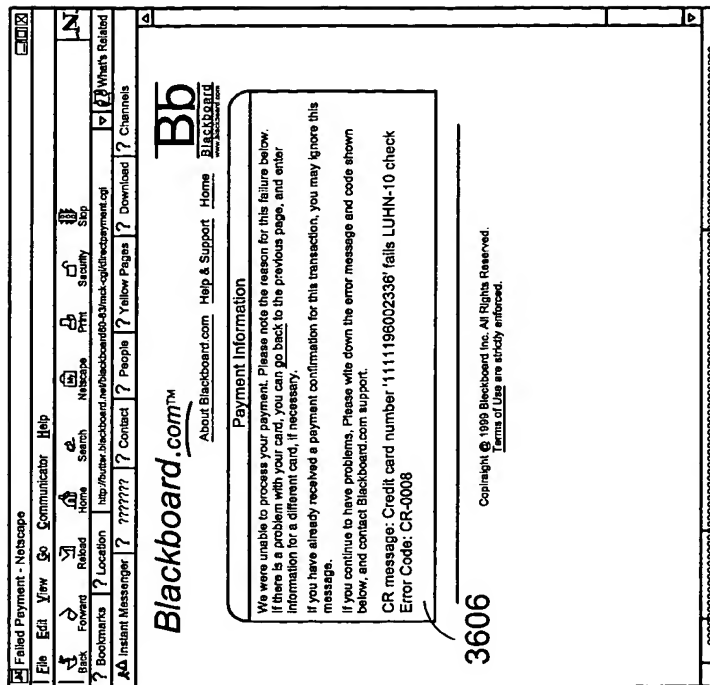


FIG. 36

Second E-Commerce Screen Display

Butter.blackboard.com

The screenshot shows a Netscape browser window displaying the Butter.blackboard.com payment page. The browser's address bar shows the URL <http://butter.blackboard.com/650-63/mcs-optioncpayment.cgi>. The page features a navigation bar with links: [Home](#), [About Blackboard.com](#), [Help & Support](#), [Home](#), [Blackboard](#), and [www](#). The main content area is titled "Blackboard.com™" and includes a "Payment Information" section with a "Thank you for your payment" message and a "Confirmation Details" section. The confirmation details list the chosen service as "Registered Course: asfbaadfaad2434548-(\$100)", the purchase number as "99121001104892", the credit card as "BACKDOOR (Partial number shown for security)", and the total price as "100.00". A prominent message states "YOU MUST CLICK HERE TO RECEIVE THE SERVICES YOU PURCHASED" with a "Continue to Course" link. The page footer contains a copyright notice: "Copyright © 1999 Blackboard Inc. All Right Reserved. Terms of Use are strictly enforced." The browser's status bar at the bottom shows "Payment Information - Netscape".

3702

3704

3700

Payment is authorized and queued at Cybercash, Inc for processing.

The payment will go through and appear in Blackboard's Cybercash account within 12 hours.

There is no way that the user can back out at this point without Blackboard issuing a manual refund.

No services are provided yet. The user must follow the link at the bottom of the page, or he will receive nothing for his money.

All links on this page are disabled except the one that says : YOU MUST CLICK HERE". This prevents users from failing to get their orders filled.

A authorization code is calculated by the script as a secure hash of the purchase price, the order id, and a secret number.

FIG. 37

- The link at the bottom of the page points back to the referring server using the location passed in the URL parameter to the first butter script.
- The authorization code, the order_id and a subset of the credit card digits (show_card) are passed back as parameters.
- The authorization code should be checked upon return by making an identical hash calculation. If the two hash values match, the order should be fulfilled, otherwise, and error should be shown.

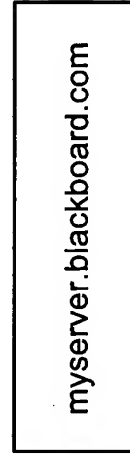


FIG. 38

Blackboard Learning System TM (Release 6)- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print View Source

Address [?tab=courses8>url=/bin/common/course.pl?course_id=_2_1](#) Go Links Customize Links Windows Media Windows

Google Search Web Search Site Search Groups News Page Bank Page Info Up Highlight

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services System Admin

COURSES > TEST > CONTROL PANEL > COURSE DOCUMENTS > ADD CONTENT

Add Content

1 Content Information

Name: 3910

or specify your own name: 3912

Choose Color of Name: 3914

Text: 3920

3916

3904

3902 3906

☒ Smart Text ☐ Plain Text ☐ HTML

2 Content Attachments

Powered by Blackboard Trusted sites

3900

FIG. 39

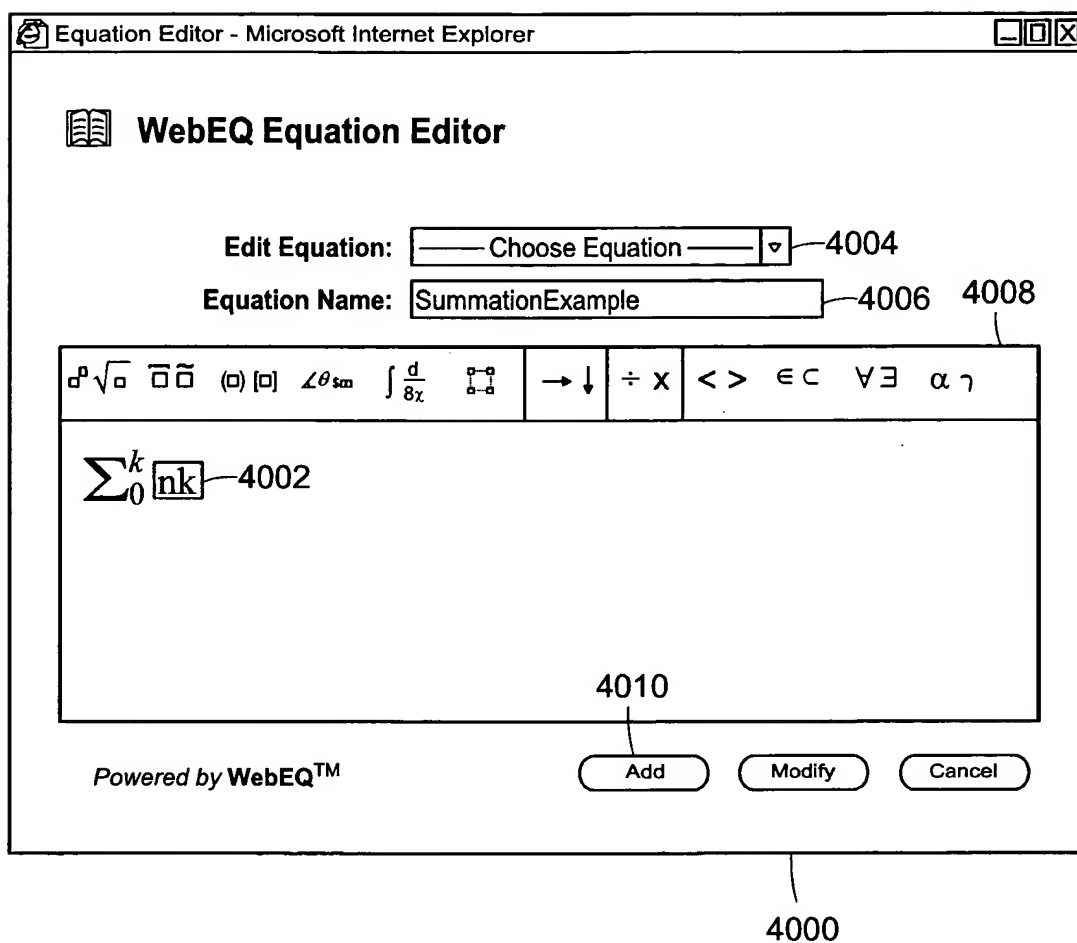
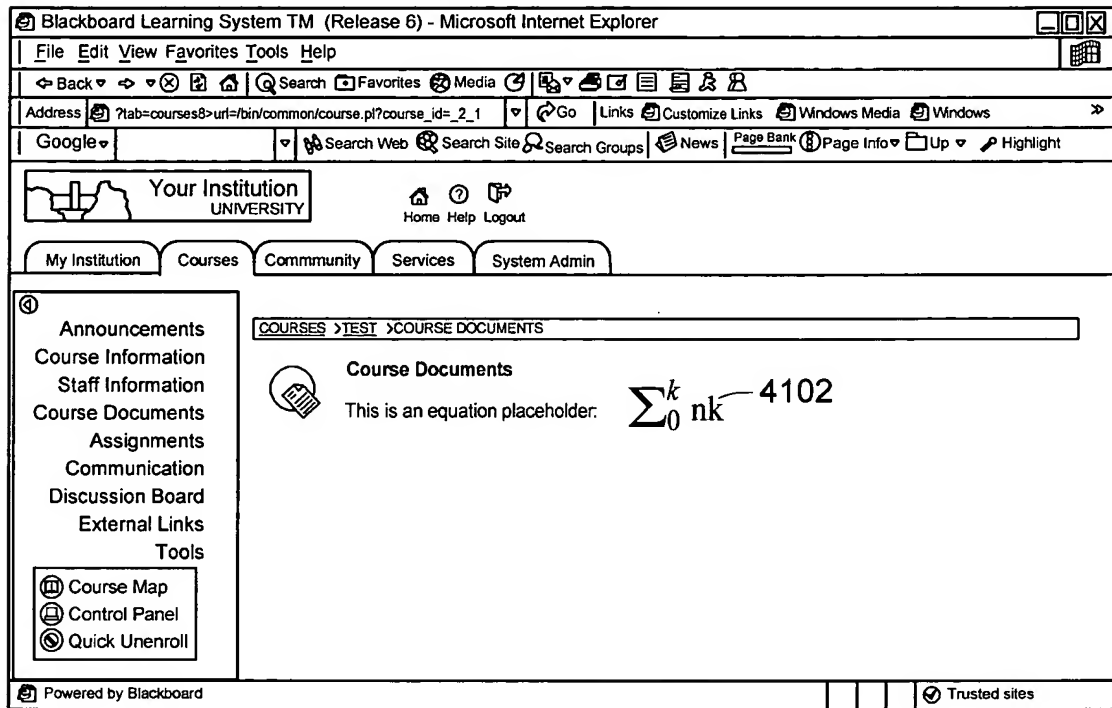


FIG. 40



4100

RENDERED DATA

FIG. 41

Blackboard Learning System TM (Release 6)- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Search Favorites Media Print View Source

Address: set.jsp?tab=courses&url=/bin/common/course.pl?course_id=2 Go Links Blackboard ASP Web Tools Crystal Report Viewer

Google Search Web Search Site Search Groups News Page Bank Page Info Up Highlight

Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services System Admin

COURSES > PATENT > CONTROL PANEL > COURSE DOCUMENTS > ADD CONTENT

Add Content

1 Content Information

Name: Course Documents 3910

or specify your own name: 3912

Choose Color of Name: ☐ Pick

Text:

This is a template. Here is a `8x8link('link')8x8` to additional data. Here is a custom text object: `8x8content_block(some_id, type-spec)8x8` 4202

An equation placeholder: `<88[0]"equation_0_1"|1]88>`

3904

3902 3906 3916

☒ Smart Text ☐ Plain Text ☐ HTML

2 Content Attachments

Files may be attached to the above information. Click the Browse button to select the file to attach from your computer. Also, specify a name of the link to this file.

File to Attach:

Powered by Blackboard Internet

4200

FIG. 42

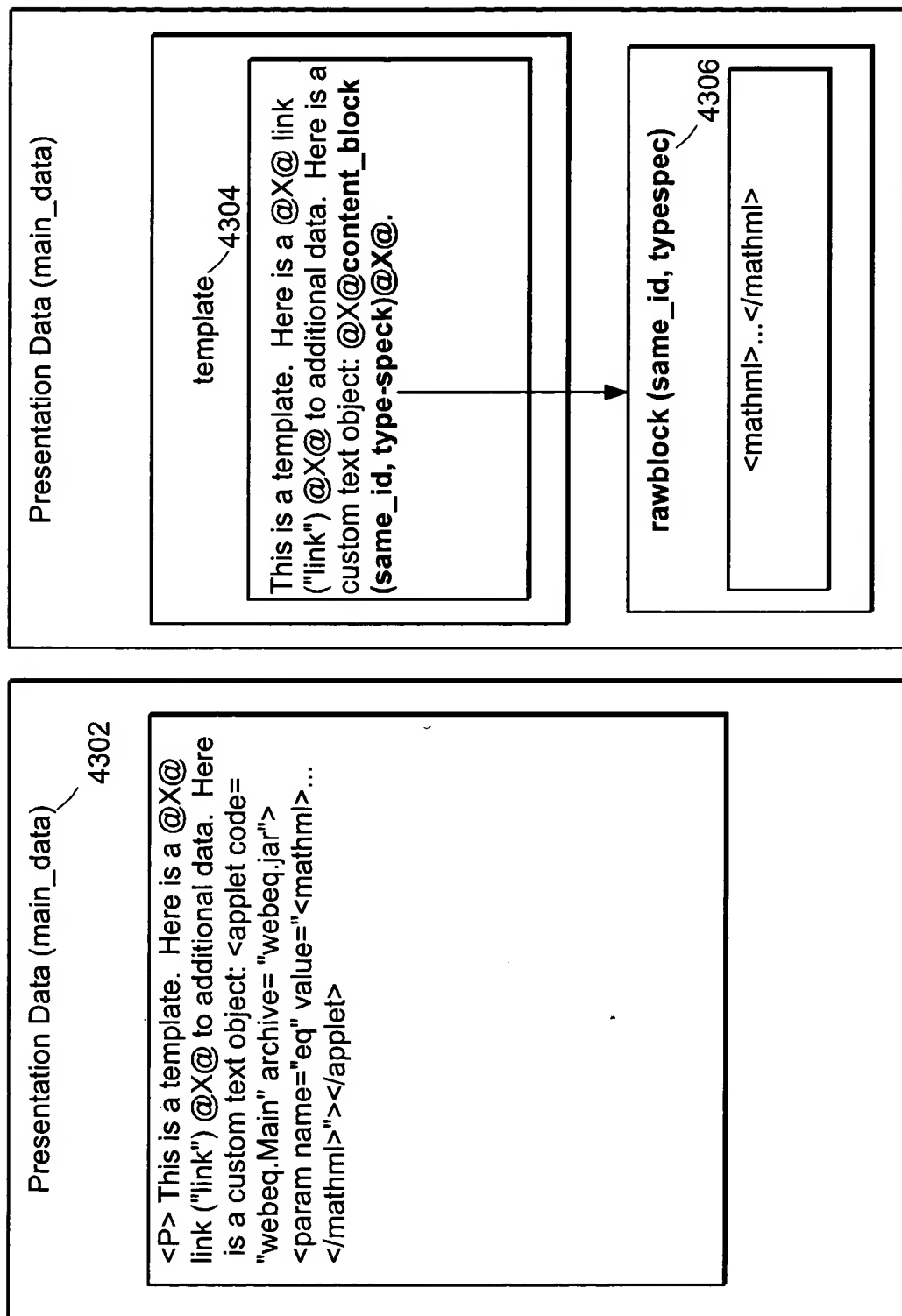


FIG. 43

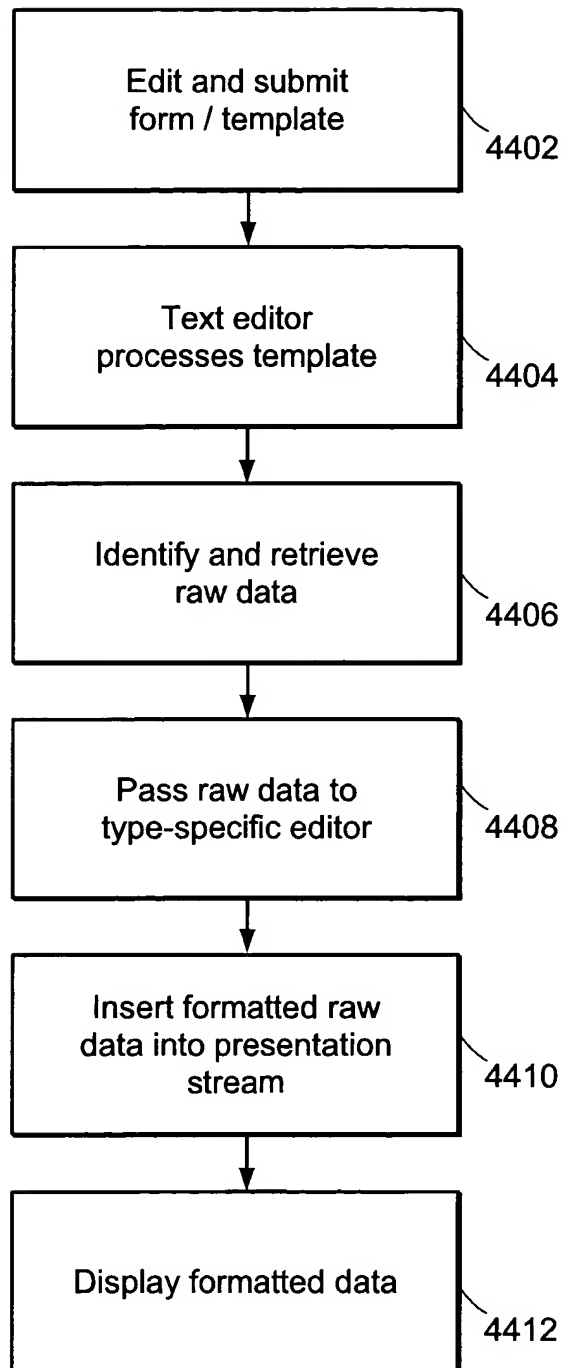
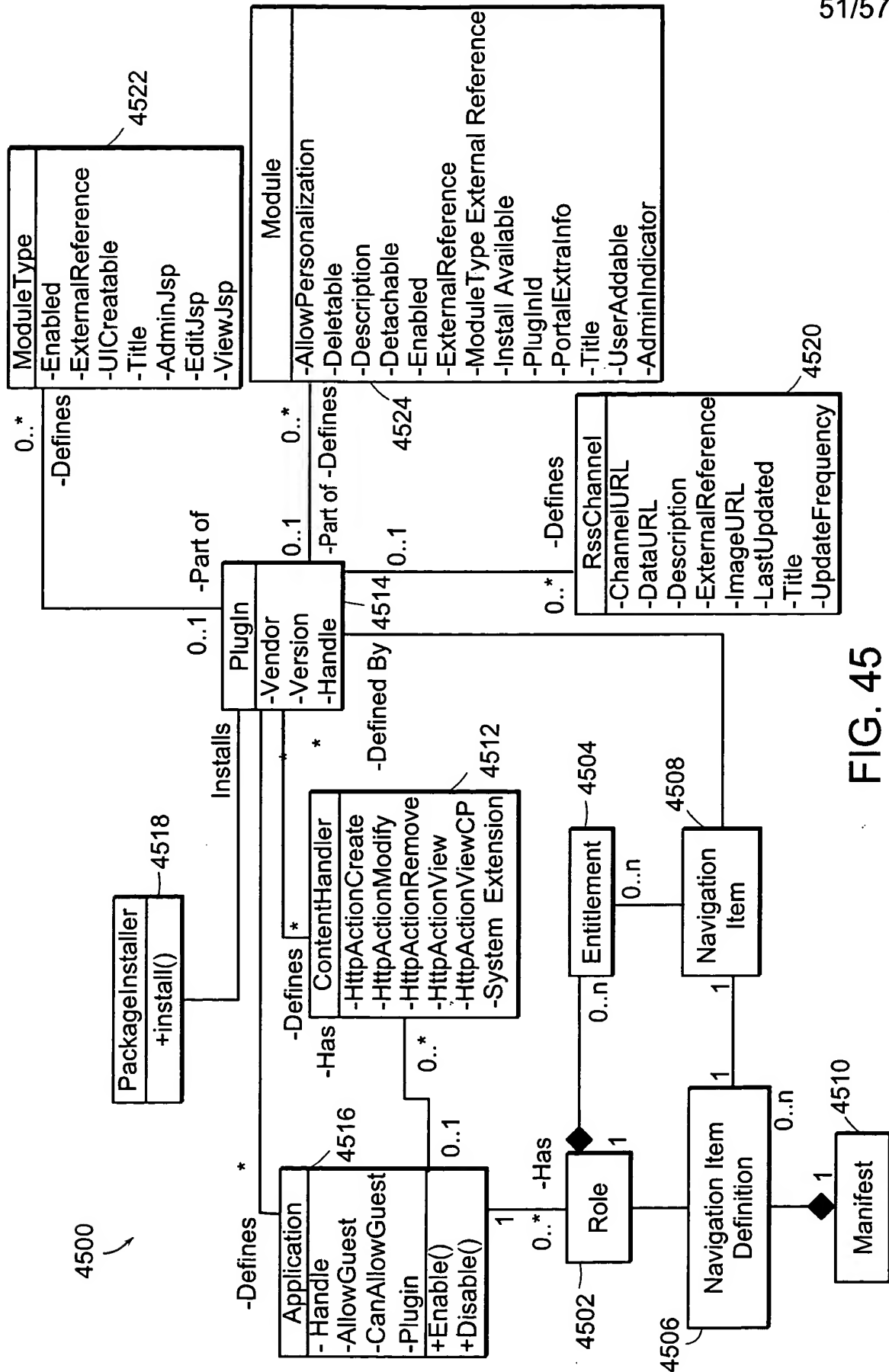


FIG. 44



4600
↙

User Name			Role(s)	Entitlement
Last	First	M.I.		
Jones	Allan	S.	A,I	Course, modify calendar, modify
Smith	Jane	T.	C,T	Course, modify calendar, modify
⋮				
Lee	Alex	Y.	O.	Course.view

FIG. 46

53/57

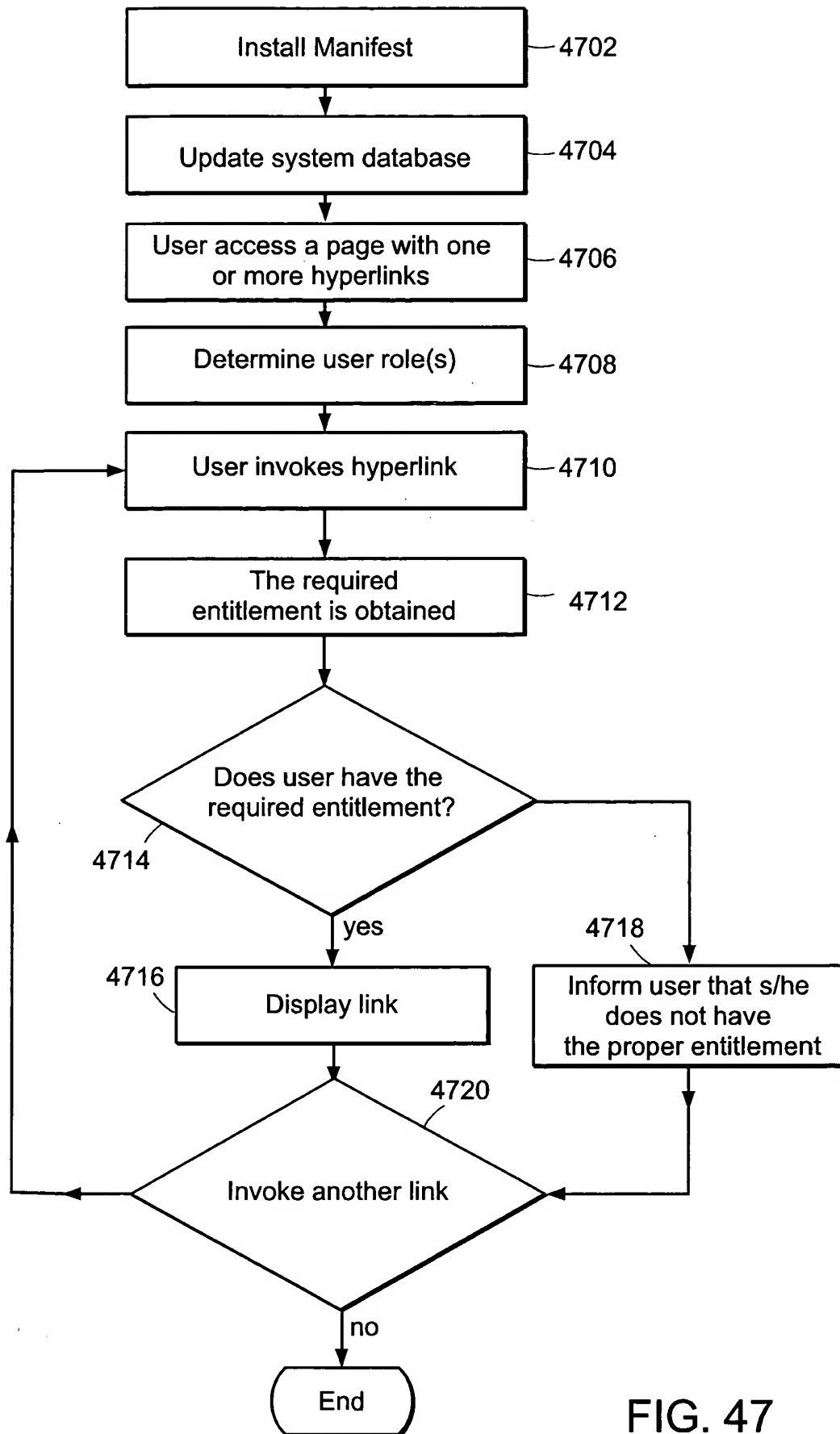


FIG. 47

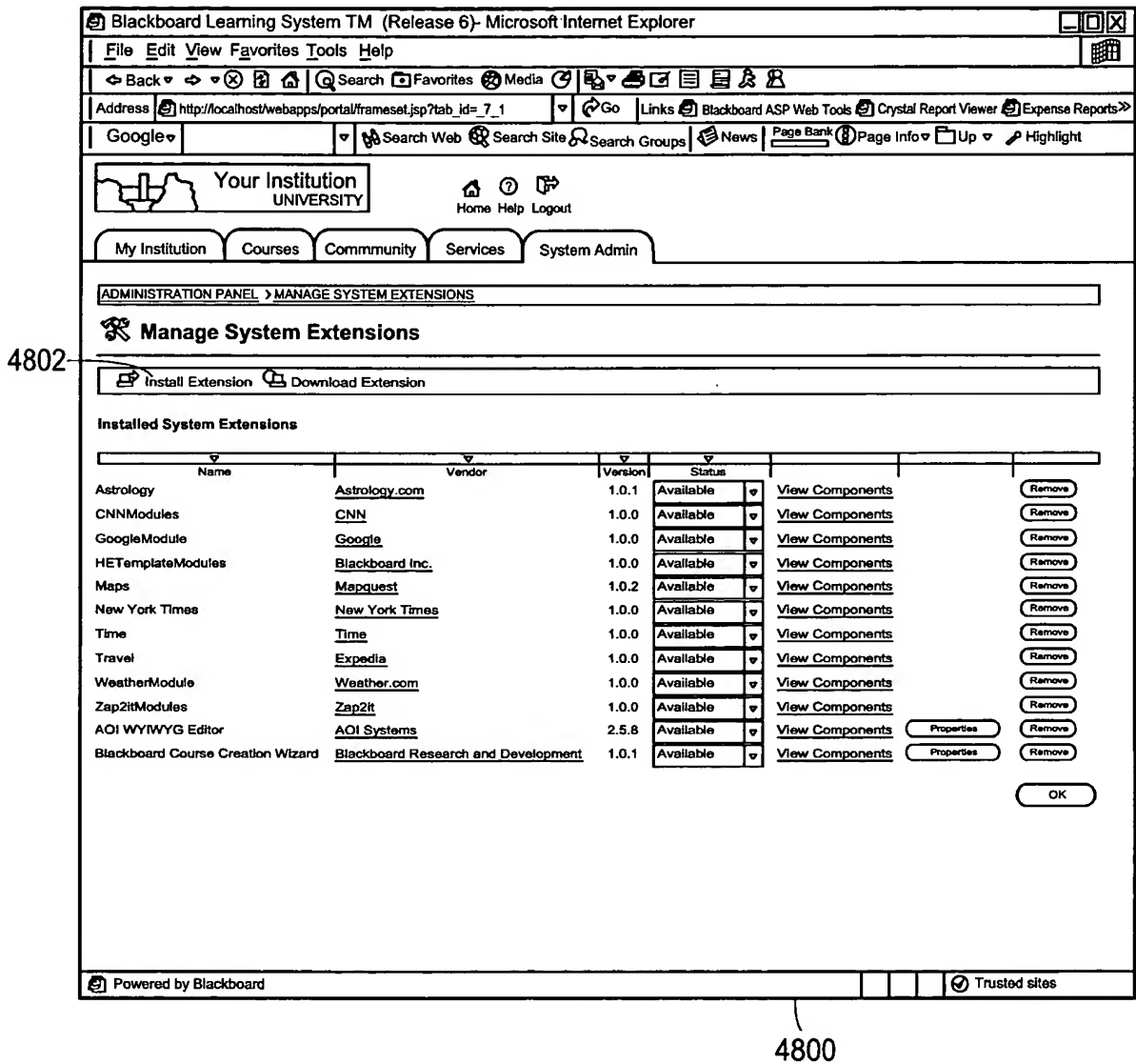


FIG. 48

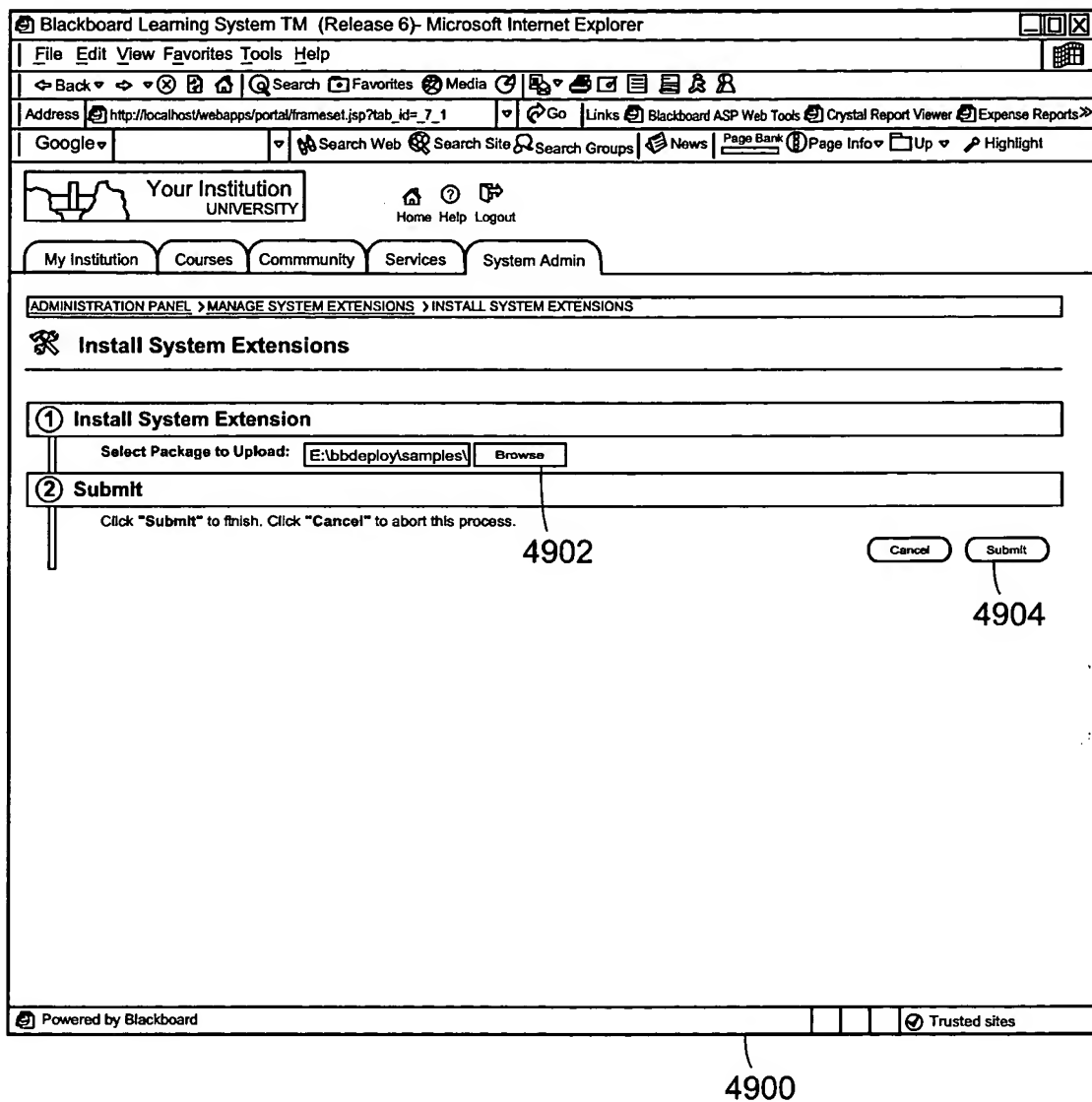
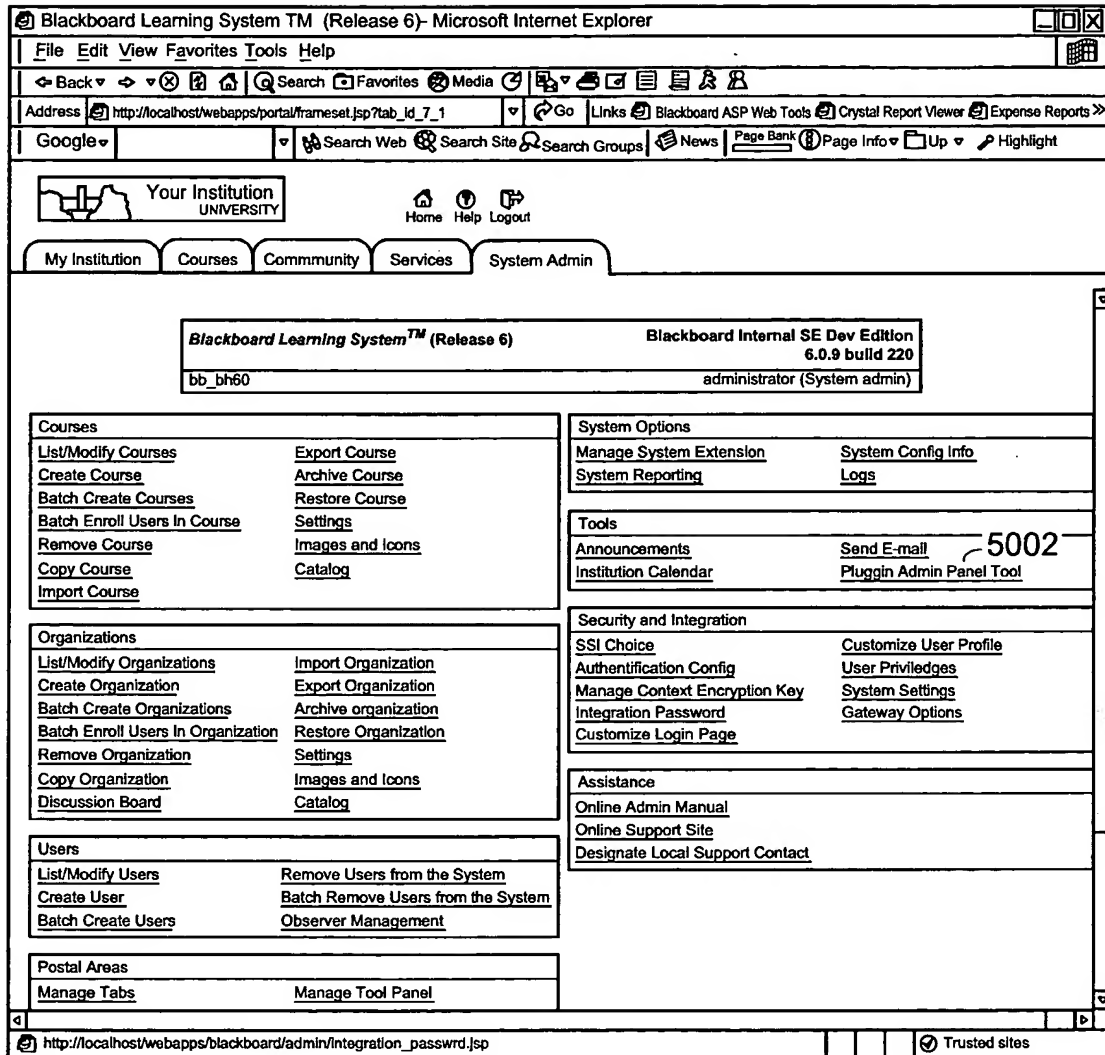


FIG. 49



5000

FIG. 50


Blackboard Learning System TM (Release 6)- Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Media Print Mail News RSS Feeds

Address http://localhost/webapps/portal/frameset.jsp?tab_id=7_1 Go Links Blackboard ASP Web Tools Crystal Report Viewer Expense Reports >>

Google Search Web Search Site Search Groups News Page Bank Page Info Up Highlight

 Your Institution UNIVERSITY Home Help Logout

My Institution Courses Community Services System Admin

ADMINISTRATION PANEL > MANAGE SYSTEM EXTENSIONS

Manage System Extensions

[Install Extension](#) [Download Extension](#)

Installed System Extensions

Name	Vendor	Version	Status		
Astrology	Astrology.com	1.0.1	Available	View Components	Remove
CNNModules	CNN	1.0.0	Available	View Components	Remove
GoogleModule	Google	1.0.0	Available	View Components	Remove
HETemplateModules	Blackboard Inc.	1.0.0	Available	View Components	Remove
Maps	Mapquest	1.0.2	Available	View Components	Remove
New York Times	New York Times	1.0.0	Available	View Components	Remove
Time	Time	1.0.0	Available	View Components	Remove
Travel	Expedia	1.0.0	Available	View Components	Remove
WeatherModule	Weather.com	1.0.0	Available	View Components	Remove
Zap2itModules	Zap2it	1.0.0	Available	View Components	Remove
AOI WYIWYG Editor	AOI Systems	2.5.8	Available	View Components	Properties Remove
Blackboard Course creation Wizard	Blackboard Research and Development	1.0.1	Available	View Components	Properties Remove
Sample Plugin	Sample Plugin Vendor	1.0.1	Inactive	View Components	Remove

5102

OK

Powered by Blackboard Trusted sites

5100

FIG. 51